

## **Serviceanleitung.**

Service Manual. Manuel de Service. Manuale di Servizio.  
Instrucciones de servicio. Service-instructies.

**R 2550**

**RA 2550**

230-90422.925



**Articos 55 HD**  
**Art.-Nr. 63403**

**Articos 55 HD (US)**  
**Art.-Nr. 63404**

**Articos 55 HD 63403**  
**Articos 55 HD (US) 63404**

# **LOEWE.**







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## Hinweis zum Schutz gegen Elektrostatik

### 1. Elektrostatisch gesicherte MOS-Arbeitsplätze.

Der Umgang mit gegen Elektrostatik empfindlichen Bauteilen muß an einem elektrostatisch gesicherten MOS-Arbeitsplatz erfolgen. Ein elektrostatisch gesicherter MOS-Arbeitsplatz erdet über Entladungswiderstände sämtliche leitende Materialien einschließlich der Person. Nichtleiter werden durch Luftionisation entladen. Die Integration von Lötkolben und Meßgeräten in den gesicherten MOS-Arbeitsplatz ist nur mit Trenntrafo in jedem der verwendeten Geräte möglich. Die Meßgeräte-Massen werden ebenfalls mit Entladungswiderständen geerdet.

### 2. Gesicherte Verpackung durch leitfähige Materialien.

Zum Schutz gegen Elektrostatik werden elektrisch leitende Kunststoffe für Verpackung und Transportmittel verwendet. Leitende Kunststoffe gibt es als schwarze oder transparente Schutzbeutel, Schaumstoff, Folien und als Behälter. Empfindliche Bauteile dürfen nur am gesicherten MOS-Arbeitsplatz aus der Verpackung entfernt bzw. verpackt werden.

## Sicherheitshinweise/Vorschriften

1. Instandsetzungen, Änderungen und Prüfung netzbetriebener elektronischer Geräte und deren Zubehör dürfen nur von fachkundigen Personen ausgeführt werden.
2. Es gelten die Vorschriften und Sicherheitshinweise nach VDE 0701, Teil 200, und die Vorschriften und Sicherheitshinweise des jeweiligen Landes!
3. VDE 0701, Teil 200, beinhaltet Vorschriften zur Instandsetzung, Änderung und Prüfung netzbetriebener elektronischer Geräte und deren Zubehör.
4. Vor der Auslieferung des Geräts muß eine Sichtprüfung des Geräts und der Anschlußleitungen (und soweit vorhanden, des Schutzleiters), und die Messung des Isolationswiderstandes und des Ersatz-Ableitstromes nach VDE 0701, Teil 200, durchgeführt werden. Der niederohmige Durchgang des Schutzleiters ist durch Messung laut Vorschrift VDE 0701, Teil 1, nachzuweisen.
5. Die Vorschriften des jeweiligen Landes sind zusätzlich zu beachten.
6. Bauteile mit dem Symbol gekennzeichnet, dürfen nur durch Originalteile ersetzt werden.

## Hinweis:

Serviceunterstützung, siehe Servicekoffer 90417.922



## CAUTION:

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so:



## Note on electrostatic shielding

### 1. Electrostatically shielded MOS workstations

Components sensitive to electrostatic discharge must be handled at workstation with electrostatic shielding. An electrostatically shielded MOS workstation is fitted with discharge resistor which earth all conductive materials, including the technician working there. Dielectrics are discharged by air ionisation. The use of soldering irons and measuring equipment at shielded workstation is only possible in conjunction with isolating transformer in each of the devices used. Measuring equipment chassis are also earthed with discharge resistors.

### 2. Shielded packaging using conductive materials

To protect against electrostatic charges, electrically conductive plastics are used for packaging and transport purposes. Conductive plastics are available in the form of transparent protective bags, foam plastic, film sheeting or containers. Sensitive components requiring the use of protective packaging must only be packed and unpacked at shielded workstations

## Safety warnings/regulations

1. The repair, modification and testing of mains-operated electronic devices and their accessories must only be performed by qualified persons.
2. It is necessary to follow the regulations and safety warnings to VDE 0701, part 200, as well as the regulations and safety warnings applicable in the country concerned.
3. VDE 0701, Part 2, contains regulations on the repair, modification and testing of mains-operated electronic devices and their accessories.
4. Before delivery, the device and the connecting leads (including any protective earth conductor fitted) must undergo visual inspection, and the insulation resistance and the equivalent leakage current must be measured according to VDE 0701, part 200. The low-resistance continuity of the protective earth conductor must be verified by measurement to VDE regulation 0701, part 1.
5. The regulations of the country concerned must also be observed.
6. Only genuine parts must be used for replacing components marked with the symbol .

## Note:

Service support, see service suitcase 90417.922





## Recommandations pour la protection contre les charges électrostatiques


### 1. Postes de travail MOS protégés électrostatiquement

La manipulation de composants sensibles aux charges électrostatiques doit impérativement se faire à un poste de travail MOS protégé électrostatiquement. Un tel poste de travail MOS protégé électrostatiquement met tous les matériaux conducteurs à la masse par l'intermédiaire de résistances de décharge, y compris la personne qui y travaille. Les nonconducteurs sont déchargés par ionisation de l'air. L'intégration de fers à souder et d'appareils de mesure dans le poste de travail MOS protégé électrostatiquement n'est admissible que par l'intermédiaire de transformateurs de séparation intégrés à chacun des appareils. Les terres des appareils de mesure sont également mises à la masse par l'intermédiaire de résistances de décharge.

### 2. Emballages de sécurité faits de matériaux conducteurs

Pour les protéger contre les charges électrostatiques, les composants sensibles sont emballés et transportés dans des matières plastiques conductrices d'électricité. Les matières plastiques conductrices existent en tant que sachets de protection noirs ou transparents, mousses, feuilles et aussi en tant que conteneurs. Les composants sensibles ne doivent être sortis de leur emballage conducteur ou y être emballés qu'à un poste de travail MOS électrostatiquement protégé.

## Consignes et prescriptions de sécurité

1. Les remises en état, modifications et examen d'appareils électroniques exploités sur réseau, et leurs accessoires, ne doivent être exécutés que par des professionnels.
2. On appliquera les prescriptions et consignes de sécurité selon VDE 0701, partie 200, et les prescriptions et consignes de sécurité du pays respectif!
3. VDE 0701, partie 200, comporte des prescriptions sur la remise en état, modification et examen d'appareils électroniques exploités sur réseau, et leurs accessoires.
4. Avant la livraison de l'appareil, il faut effectuer un examen visuel de l'appareil et câbles de branchement (et si existant de la terre), et la mesure de la résistance d'isolation et du courant de fuite de remplacement selon VDE 0701, partie 200. Le passage de basse impédance de la terre doit être démontré par une mesure conformément à la prescription VDE 0701, partie 1.
5. Les prescriptions du pays respectif doivent être également observées.
6. Les éléments caractérisés avec le symbole  ne doivent être remplacés que par des pièces originales.

### Consigne:

Aide service, voir valise service 90417.922



## Nota per la protezione da scariche elettrostatiche

### 1. Posti di lavoro MOS protetti elettrostaticamente


La manipolazione di componenti sensibili alle scariche elettrostatiche deve essere eseguita a posti di lavoro MOS protetti da queste scariche. Un posto di lavoro MOS protetto dalle scariche elettrostatiche convoglia a terra tutti i materiali conduttori compresa la persona mediante resistenze di scarica. Gli isolatori vengono scaricati mediante ionizzazione dell'aria. L'integrazione di saldati e apparecchi di misura nel posto di lavoro MOS protetto è possibile solo attraverso trasformatori di separazione in ogni apparecchio usato. Anche le masse degli apparecchi di misura vengono scaricate a terra mediante resistenze di scarica.

### 2. Imballaggio protetto mediante materiali conduttori

Per proteggere le componenti dalle scariche elettrostatiche vengono usati degli imballaggi e dei mezzi di trasporto di materiale sintetico conduttore. Esistono imballaggi di materiale sintetico conduttore sotto forma di sacchetti di protezione trasparenti o neri, materiale schiumoso, fogli e contenitori.

Componenti sensibili devono essere tolti, risp. messi negli imballaggi di materiale conduttore solo in un posto di lavoro MOS protetto.

## Note per la sicurezza/disposizioni

1. Riparazioni, modifiche e controlli su apparecchiature elettroniche ed accessori collegati alla rete elettrica devono essere eseguiti esclusivamente da personale esperto.
2. Si applicano le disposizioni e le note per la sicurezza della norma VDE 0701, parte 200, e quelle del Paese di installazione.
3. VDE 0701, parte 200, riporta le disposizioni per le riparazioni, modifiche e controlli su apparecchiature elettroniche ed accessori collegati alla rete elettrica.
4. Prima della consegna, si deve effettuare un controllo visivo dell'apparecchio e dei cavi di collegamento (anche del conduttore di protezione, se presente) nonché la misurazione della resistenza di isolamento e della corrente deviata sostitutiva secondo la norma VDE 0701, parte 200. La continuità a basso valore ohmico del conduttore di protezione va dimostrata secondo la norma VDE 0701, parte 1.
5. Si devono rispettare anche le disposizioni relative in vigore nel Paese di installazione.
6. Componenti contrassegnati con il simbolo  devono essere sostituiti solo con ricambi originali.

### Nota:

Appoggio servizio, vedere valigia servizio 90417.922





## Advertencia para la protección contra cargas electrostáticas

### 1. Protección contra cargas electrostáticas en puestos de manipulación de módulos MOS


La manipulación de piezas sensibles contra cargas electrostáticas debe realizarse en puestos de manipulación de módulos MOS protegidos contra dichas cargas. Para que un puesto de manipulación de módulos MOS esté protegido contra descargas electrostáticas, todos los materiales conductores, incluido el operario, deben conectarse a tierra mediante resistencias de descarga. Los elementos no conductores deben descargarse mediante un ionizador de aire. La integración de soldadores y aparatos de medición en los puestos de manipulación de módulos MOS sólo se puede realizar con transformadores separadores en cada aparato utilizado. También deben conectarse a tierra las masas de los aparatos de medición utilizando resistencias de descarga.

### 2. Embalaje protegido con materiales conductores

Para la protección contra las cargas electrostáticas se utilizan materiales sintéticos conductores para el embalaje y el transporte. Los materiales sintéticos conductores están disponibles en forma de bolsas protectoras negras o transparentes, gomaespuma, películas y envases.

Las piezas electrostáticamente sensibles deben embalarse y/o desembalarse solamente en puestos de manipulación de módulos MOS.

## Advertencias y normas de seguridad

1. Las puestas a punto, cambios y revisiones de aparatos electrónicos alimentados por la red y sus accesorios, sólo deben realizarse por personas especializadas.
2. Son aplicables las advertencias y normas de seguridad detalladas en la norma VDE 0701, apartado 200 y las correspondientes de cada país.
3. El apartado 200 de la norma VDE 0701 describe las puestas a punto, cambios y revisiones de aparatos electrónicos alimentados por la red y sus accesorios.
4. Antes de efectuar el suministro del aparato debe realizarse una comprobación visual del mismo y de las líneas de conexión (y, en su caso, de la línea protectora), así como una medición de la resistencia de aislamiento y de la corriente sustitutiva de escape según VDE 0701, apartado 200. Debe verificarse la baja resistencia de la línea protectora recogida en la norma VDE 0701, apartado 1.
5. Se han de tener en cuenta además las normas de los países correspondientes.
6. Las piezas marcadas con el símbolo  sólo podrán reemplazarse por piezas originales.

## Nota:

Apoyo servicio, ver maleta servicio 90417.922



## Aanwijzing ter bescherming tegen elektrostatische

### 1. Elektrostatisch beveiligde MOS-werkplekken.

De omgang met voor elektrostatische gevoelige componenten moet op een elektrostatisch beveiligde MOS-werkplek plaatsvinden.

Bij een elektrostatisch beveiligde MOS-werkplek worden alle geleidende materialen en de persoon zelf via ontladingsweerstand geaard. Niet-geleiders worden door luchtionisatie ontladen. De integratie van soldeerbouten en meetapparaten in de beveiligde MOS-werkplek is alleen met een scheidingstransformator in elk van de gebruikte apparaten mogelijk. De massa's van de meetapparaten worden eveneens met ontladingsweerstand geaard.

### 2. Veilige verpakking door geleidende materialen.

Ter bescherming tegen elektrostatische worden elektrisch geleidende kunststoffen voor de verpakking en de transportmiddelen gebruikt. Geleidende kunststoffen zijn als zwarte of transparante beschermzakjes, schuimstof, folie en als container verkrijgbaar.

Gevoelige componenten mogen alleen op de beveiligde MOS-werkplek uit de verpakking worden gehaald resp. worden verpakt.

## Veiligheidsinstructies/voorschriften

1. Elektronische apparaten met netvoeding en hun toebehoren mogen uitsluitend door vakkundige personen worden gerepareerd, gewijzigd en gecontroleerd.
2. De voorschriften en veiligheidsinstructies volgens VDE 0701, deel 200, en de voorschriften en veiligheidsinstructies van het desbetreffende land zijn van kracht!
3. VDE 0701, deel 200, bevat de voorschriften voor de reparatie, de wijziging en de controle van elektronische apparaten met netvoeding en hun toebehoren.
4. Voordat het toestel wordt afgeleverd, moeten het toestel en de aansluitleidingen (en voor zover aanwezig, de aarddraad) aan een visuele controle worden onderworpen en de isolatieweerstand en de reserve-lekstroom conform VDE 0701, deel 200, worden gemeten. De laagohmige doorgang van de aarddraad moet door meting volgens voorschrift VDE 0701, deel 1, worden aangetoond.
5. Tevens dienen de voorschriften van het desbetreffende land in acht te worden genomen.
6. Componenten die gekenmerkt zijn met het symbool , mogen uitsluitend door originele reserveonderdelen worden vervangen.

## Aanwijzing:

Service ondersteuning, zien service koffer 90417.922

# Technische Daten

## Mechanische Daten

<b>Articos 55 HD</b>	<b>Artikelnummer 63403</b>
Abmessungen (cm)	136,9 x 103,5 x 52 (B x H x T)
Masse (kg)	76,5
Technologie	1-Panel DLP Optical System made by Carl Zeiss
Bild-Format	16 : 9
Bilddiagonale	sichtbar 140 cm
Pixel-Format	1280 x 720 progressiv
Relative Luftfeuchte	20 ... 80%
	keine Kondensation
Luftdruck 800 ... 1114 hPa	(0 ... 3000 m NN)

## Elektrische Daten

Chassisbezeichnung	R 2550
Digital Light Processing™ Technology	
Projektionslampe	120 Watt long life
Stromversorgung	120 V bis 240 V / 50-60Hz
Leistungsaufnahme	190 Watt
	Standby < 3 Watt
Umgebungstemperatur	0° – 40° Celsius
Full Digital	AMD / DNC einstellbar
Tuner VHF/UHF/ Kabel	
(Hyperband 8 MHz)	42 MHz bis 860 MHz
Programmplatzspeicher	220
mit DVB-Decoder	1470
TV-Normen	PAL-B/G, PAL-D/K, PAL-I, PAL-L PAL M/N, PAL 60 Secam B/G, D/K, L NTSC / NTSCV
Teletext	Hi-Text (Level 2.5)
Ton-Normen	Mono/Stereo/2-Ton Nicom B/G, L, I
Audio-Nennleistung	2 x 20 Watt / 4 Ohm
Audio-Musikleistung	2 x 40 Watt / 4 Ohm
Lautsprecher	2 geschlossene Boxen
Hochtöner	Ø 50 mm Kalotte
Tieftöner	Ø 104 mm

### Anschlüsse (linke Gehäuseseite)

Mini-DIN S-Video-Eingang (AVS)	SVHS / Hi 8 / VHS / 8 mm
Cinch Video-Eingang (AVS)	VHS / 8 mm
Cinch Toneingänge	L + R
Kopfhöreranschluss	Klinke 6,3mm 32 – 200 Ohm

### Anschlüsse (Rückseite)

IEC-Buchse 75 Ohm	Antenne / Kabel/PIP
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EURO-AV 1:	Video IN	SVHS / Hi 8 / VHS / 8 mm
	Video OUT	SVHS / Hi 8 / VHS / 8 mm
	Audio IN/OUT	L + R

EURO-AV 2:	Video IN	SVHS / Hi 8 / RGB / VHS / 8 mm
	Video OUT	(SVHS / Hi 8 nur bei SVHS Link Plus) VHS / 8 mm
	Audio IN/OUT	L + R
EURO-AV 3:	Video IN/OUT	SVHS / Hi 8 / RGB / YUV / VHS / 8 mm
	Audio IN	L + R

### Component IN:

Cinch	Y-Signal
Cinch	Cr/Pr-Signal
Cinch	Cb/Pb-Signal

2xCinch L+R	AUDIO OUT
2xCinch L+R	AUDIO IN 1
Klinkenbuchse 3,5mm	AUDIO IN 2
2xCinch L+R	AUDIO IN 3
Cinch-Eingangsbuchse IN 1	Digital-Ton
Cinch-Eingangsbuchse IN 2	Digital-Ton
Cinch-Ausgangsbuchse OUT	Digital-Ton
SYSTEM-Buchse, 9-polig	AUDIO
Infrarot-Link	Klinkenbuchse 3,5 mm
RC5/RC6	Klinkenbuchse 2,5 mm
Service-Buchse	8-polig
Anschluss DVI	Digital-Eingang
Eingang-VGA	über DVI-Buchse mit optionalem Adapter für Drehfuß-Steuerung
Buchse CTRL	

## Mechanical data

<b>Articos 55 HD</b>	<b>article number 63403</b>
Dimensions (cm)	136.9 x 103.5 x 52 (W x H x D)
Weight (kg)	76.5
Technology	1-Panel DLP Optical System made by Carl Zeiss
Picture format	16 : 9
Visible screen diagonal	140 cm
Pixel format	1280 x 720 progressive
Relative humidity	20 ... 80%
	No condensation
Air pressure 800 ... 1114 hPa	(0 ... 3000 m above sea level)

## Electrical data

Chassis designation	R 2550
Digital Light Processing™ Technology	
Projection lamp	120 Watt long life
Power supply	120 V to 240 V / 50-60Hz
Power consumption	190 Watt Standby < 3 Watt
Ambient temperature	0° - 40° Celsius
Full Digital AMD / DNC adjustable	
Tuner VHF/UHF/ cable	
(Hyperband 8 MHz)	42 MHz to 860 MHz
Station memory	220
with DVB decoder	1470
TV standards	PAL-B/G, PAL-D/K, PAL-I, PAL-L PAL M/N, PAL 60 Secam B/G, D/K, L NTSC / NTSCV
Teletext	Hi-Text (Level 2.5)
Audio standards	mono/stereo/2-sound Nicom B/G, L, I
Audio rated output	2 x 20 Watt / 4 Ohm
Audio music output	2 x 40 Watt / 4 Ohm
2 enclosed speakers	
Treble	Ø 50 mm cone
Bass	Ø 104 mm

### Terminals (left side of housing)

Mini-DIN S-Video-In (AVS)	SVHS / Hi 8 / VHS / 8 mm
Cinch Video-In	(AVS) VHS / 8 mm
Cinch Audio In	L + R
Headphones	jack 6.3mm 32 - 200 Ohm

### Terminals (rear)

IEC socket 75 Ohm	antenna / cable/PIP
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EURO-AV 1:	Video IN	SVHS / Hi 8 / VHS / 8 mm
	Video OUT	SVHS / Hi 8 / VHS / 8 mm
	Audio IN/OUT	L + R

EURO-AV 2:	Video IN	SVHS / Hi 8 / RGB / VHS / 8 mm
	Video OUT	(SVHS / Hi 8 only on SVHS Link Plus) VHS / 8 mm
	Audio IN/OUT	L + R

EURO-AV 3:	Video IN/OUT	SVHS / Hi 8 / RGB/ YUV / VHS / 8 mm
	Audio IN	L + R

Component IN:	
Cinch	Y-signal
Cinch	Cr/Pr-signal
Cinch	Cb/Pb-signal

2xCinch L+R	AUDIO OUT
2xCinch L+R	AUDIO IN 1
Jack 3.5mm	AUDIO IN 2
2xCinch L+R	AUDIO IN 3
Cinch input socket IN 1	Digital-Audio
Cinch-input socket IN 2	Digital-Audio
Cinch-output socket OUT	Digital-Audio
SYSTEM socket, 9-pin	AUDIO
Infrared link	jack 3.5 mm
RC5/RC6	jack 2.5 mm
Service socket	8-pin
Connection DVI	Digital-Input
Input-VGA	via DVI-socket with Optional adapter for rotary stand control
Socket CTRL	

# Ⓕ Caractéristiques techniques

## Caractéristiques mécaniques

<b>Articos 55 HD</b>	<b>Numéro d'article 63403</b>
Dimensions (cm)	136,9 x 103,5 x 52 (L x H x P)
Poids (kg)	76,5
Technologie	1-Panel DLP Système optique made by Carl Zeiss
Format d'image	16:9
Diagonale d'image	visible 140 cm
Format pixel	1280 x 720 progressif
Humidité relative de l'air	20 ... 80%
	aucune condensation
Pression 800 ... 1114 hPa	(0 ... 3000 m NN)

## Caractéristiques électriques

Désignation du châssis	R 2550
Digital Light Processing™ Technology	
Lampe de projection	120 Watt longue durée
Alimentation	120 V à 240 V / 50-60Hz
Puissance consommée	190 Watt
	Veille < 3 Watt
Température ambiante	0° - 40° Celsius
Full Digital	AMD / DNC réglable
Tuner VHF/UHF/ Câble	
(Hyperband 8 MHz)	42 MHz à 860 MHz
Mémoire de programmes	220
avec décodeur DVB	1470
Normes TV	PAL-B/G, PAL-D/K, PAL-I, PAL-L PAL M/N, PAL 60 Secam B/G, D/K, L NTSC / NTSCV
Télétexte	Hi-Text (niveau 2.5)
Normes son	mono/stéréo/dual Nimac B/G, L, I
Puissance nominale audio	2 x 20 Watt / 4 Ohm
Puissance musicale audio	2 x 40 Watt / 4 Ohm
Haut-parleurs	2 enceintes fermées
Aiguës	Ø 50 mm calotte
Graves	Ø 104 mm

### Connexions (côté gauche du coffret)

Entrée S-vidéo mini-DIN (AVS)	SVHS / Hi 8 / VHS / 8 mm
Cinch entrée vidéo (AVS)	VHS / 8 mm
Cinch entrée son	L + R
Prise casque	Jack 6,3mm 32 - 200 Ohm

### Connexions (dos du téléviseur)

Prise IEC 75 Ohm	Antenne /Câble/PIP
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EURO-AV 1 :	Vidéo IN	SVHS / Hi 8 / VHS / 8 mm
	Vidéo OUT	SVHS / Hi 8 / VHS / 8 mm
	Audio IN/OUT	L + R

EURO-AV 2 :	Vidéo IN	SVHS / Hi 8 / RGB / VHS / 8 mm
	Vidéo OUT	(SVHS / Hi 8 uniquement pour SVHS Link Plus)
	Audio IN/OUT	VHS / 8 mm L + R

EURO-AV 3 :	Vidéo IN/OUT	SVHS / Hi 8 / RGB / YUV / VHS / 8 mm
	Audio IN	L + R

### Component IN :

Cinch	Signal Y
Cinch	Signal Cr/Pr
Cinch	Signal Cb/Pb

2xcinch L+R	AUDIO OUT
2xcinch L+R	AUDIO IN 1
Cinch 3,5mm	AUDIO IN 2
2xcinch L+R	IN 3
Cinch entrée IN 1	son numérique
Cinch entrée IN 2	son numérique
Cinch entrée OUT	son numérique
Prise SYSTÈME, 9 pôles	AUDIO
Douille de jack infrarouge	3,5 mm
Douille de jack RC5/RC6	2,5 mm
Prise Service	8 pôles
Prise DVI	entrée numérique
Entrée VGA	via prise DVI avec adaptateur optionnel
Prise CTRL	pour la commande du pied rotatif

## Dati tecnici

### Dati meccanici

<b>Articos 55 HD</b>	<b>codice articolo 63403</b>
Dimensioni (cm)	136,9 x 103,5 x 52 (largh. x alt. x prof.)
Massa (kg)	76,5
Tecnologia	1-Panel DLP Optical System made by Carl Zeiss
Formato immagine	16 : 9
Diagonale immagine	visibile 140 cm
Formato Pixel	1280 x 720 progressivo
Umidit� relativa dell'aria	20 ... 80%
No condensa	
Pressione dell'aria 800 ... 1114 hPa	(0 ... 3000 m NN)

### Dati elettrici

Denominazione chassis	R 2550
Digital Light Processing™ Technology	
Lampada proiezione	120 Watt long life
Alimentazione elettrica	120 V - 240 V / 50-60Hz
Potenza assorbita	190 Watt
	Standby < 3 Watt
Temperatura ambiente	0° - 40° Celsius
Full Digital	AMD / DNC impostabile
Sintonizzatore VHF/UHF/ cavo (iperbanda 8 MHz)	42 MHz - 860 MHz
Quantit� programmi con decodificatore DVB	220 1470
Norme TV	PAL-B/G, PAL-D/K, PAL-I, PAL-L PAL M/N, PAL 60 Secam B/G, D/K, L NTSC / NTSCV
Televideo	Hi-Text (livello 2.5)
Norme audio	Mono/Stereo/2 modalit� audio Nicom B/G, L, I
Potenza nominale audio	2 x 20 Watt / 4 Ohm
Potenza musica audio	2 x 40 Watt / 4 Ohm
Altoparlanti	2 box chiusi
Alti	Ø 50 mm calotta
Bassi	Ø 104 mm

#### Collegamenti (parte sinistra della scatola)

Ingresso Mini-DIN S-Video (AVS)	SVHS / Hi 8 / VHS / 8 mm
Ingresso Cinch Video (AVS)	VHS / 8 mm
Ingressi Cinch audio	L + R
Collegamento cuffia	Jack 6,3mm 32 - 200 Ohm

#### Collegamenti (retro)

Presenza IEC 75 Ohm	Antenna / cavo/PIP
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EURO-AV 1:	Video IN	SVHS / Hi 8 / VHS / 8 mm
	Video OUT	SVHS / Hi 8 / VHS / 8 mm
	Audio IN/OUT	L + R

EURO-AV 2:	Video IN	SVHS / Hi 8 / RGB / VHS / 8 mm
	Video OUT	(SVHS / Hi 8 Solo per SVHS Link Plus) VHS / 8 mm
	Audio IN/OUT	L + R
EURO-AV 3:	Video IN/OUT	S-VHS / Hi 8 / RGB / YUV / VHS / 8 mm
	Audio IN	L + R

#### Component IN:

Cinch	Y-Signal
Cinch	Cr/Pr-Signal
Cinch	Cb/Pb-Signal
2xCinch L+R	AUDIO OUT
2xCinch L+R	AUDIO IN 1
Presenza jack 3,5mm	AUDIO IN 2
2xCinch L+R	AUDIO IN 3
Presenza ingresso Cinch IN 1	Audio digitale
Presenza ingresso Cinch IN 2	Audio digitale
Presenza uscita Cinch OUT	Audio digitale
Presenza SYSTEM, 9 poli	AUDIO
Presenza jack link infrarossi	3,5 mm
Presenza jack RC5/RC6	2,5 mm
Presenza di servizio	a 8 poli
Collegamento DVI	ingresso digitale
Ingresso VGA	tramite presa DVI con adattatore opzionale
Presenza CTRL	per comando sostegno rotante

# Datos técnicos

## Datos mecánicos

<b>Articos 55 HD</b>	<b>número de referencia 63403</b>
Dimensiones (cm)	136,9 x 103,5 x 52 (A x A x P)
Peso (kg)	76,5
Tecnología	1-Panel DLP Optical System
made by Carl Zeiss	
Formato de imagen	16 : 9
Diagonal visible de imagen	140 cm
Formato pixel	1280 x 720 progresivo
Humedad relativa del aire	20 ... 80%
	sin condensación
Presión del aire 800 ... 1114 hPa	(0 ... 3000 m NN)

## Datos eléctricos

Denominación de chasis	R 2550
Digital Light Processing™ Technology	
Lámpara de proyección de	120 vatios de larga duración
Suministro de corriente	desde 120 V hasta 240 V / 50-60Hz
Consumo de potencia	190 vatios
Modo de espera	(Standby) < 3 vatios
Temperatura ambiente	0° - 40° Celsius

Full Digital	AMD / DNC ajustable
Sintonizador VHF/UHF/ Cable	
(Hiperbanda 8 MHz)	desde 42 MHz hasta 860 MHz
Memoria de volumen de programas	220
con descodificador DVB	1470

Normas de TV	PAL-B/G, PAL-D/K, PAL-I, PAL-L PAL M/N, PAL 60 Secam B/G, D/K, L NTSC / NTSCV
Teletexto	Hi-Text (nivel 2.5)

Normas de sonido	mono/estéreo/2-Ton Nicom B/G, L, I
Potencia acústica nominal	2 x 20 vatios / 4 Ohm
Potencia acústica musical	2 x 40 vatios / 4 Ohm
Altavoces	2 unidades conectadas
Sonidos agudos	Ø 50 mm cúpula
Sonidos graves	Ø 104 mm

### Conexiones (lado izquierdo de la carcasa)

Entrada de vídeo S Mini-DIN (AVS)	SVHS / Hi 8 / VHS / 8 mm
Entrada de vídeo Cinch (AVS)	VHS / 8 mm
Entradas de sonido Cinch	L + R
Conexión de auriculares	
Clavija	6,3 mm 32 - 200 Ohm

### Conexiones (parte posterior)

Hembra IEC 75 Ohm	antena / cable/PIP
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EURO-AV 1:	Vídeo IN	SVHS / Hi 8 / VHS / 8 mm
	Vídeo OUT	SVHS / Hi 8 / VHS / 8 mm
	Audio IN/OUT	L + R

EURO-AV 2:	Vídeo IN	SVHS / Hi 8 / RGB / VHS / 8 mm
	Vídeo OUT	(SVHS / Hi 8 sólo para SVHS Link Plus) VHS / 8 mm
	Audio IN/OUT	L + R
EURO-AV 3:	Vídeo IN/OUT	SVHS / Hi 8 / RGB / YUV / VHS / 8 mm
	Audio IN	L + R

### Componentes IN:

Señal Cinch	Y
Señal Cinch	Cr/Pr
Señal Cinch	Cb/Pb

2xCinch L+R	AUDIO OUT
2xCinch L+R	AUDIO IN 1
Conector de clavijas 3,5 mm	AUDIO IN 2
2xCinch L+R	AUDIO IN 3
Conector de entrada Cinch IN 1	Digital
Conector de entrada Cinch IN 2	Digital
Conector de salida Cinch OUT	Digital
Conector SYSTEM, 9 polos	AUDIO
Conector de clavijas de conexión infraroja	3,5 mm
RC5/RC6 conector de clavijas	2,5 mm
Conector Service	8 polos
Conexión DVI	entrada digital
Entrada VGA	a través del conector DVI con adaptador opcional
Conector CTRL	para el control del pie giratorio

# Technische gegevens

## Mechanische gegevens

<b>Articos 55 HD</b>	<b>artikelnummer 63403</b>
Afmetingen (cm)	136,9 x 103,5 x 52 (b x h x d)
Gewicht (kg)	76,5
Technologie	1-Panel DLP Optical System Made by Carl Zeiss
Beeldformaat	16 : 9
Beelddiagonaal	zichtbaar 140 cm
Pixelformaat	1280 x 720 progressief
Relatieve luchtvochtigheid	20...80%
	Geen condensatie
Luchtdruk 800...1114 HPa	(0...3000 m NN)

## Elektrische gegevens

Chassisbenaming	R 2550
Digital Light Processing™ Technology	
Projectielamp	120 watt long life
Stroomvoorziening	120 V tot 240 V / 50-60 Hz
Krachtontneming	190 watt
	Stand-by < 3 watt
Omgevingstemperatuur	0° - 40° Celsius
Full Digital	AMD / DNC instelbaar
Tuner VHF/UHF kabel	
(Hyperband 8 MHz)	42 MHz tot 860 MHz
Programmegeheugen	220
met DVB-Decoder	1470
TV-normen	PAL-B/G, PAL-D/K, PAL-I, PAL-L PAL M/N, PAL 60 Secam B/G, D/K, L NTSC / NTSCV
Teletekst	Hi-tekst (Level 2.5)
Klanknormen	mono/stereo/2-Ton Nicom B/G, L, I
Nominaal vermogen audio	2 x 20 watt / 4 ohm
Muzikaal vermogen audio	2 x 40 watt / 4 ohm
Luidsprekers	2 gesloten boxen
Hoge tonen	Ø 50 mm sferische kap
Lage tonen	Ø 104 mm

### Aansluitingen (linkerzijde behuizing)

Mini-DIN S-video-ingang (AVS)	SVHS / Hi 8 / VHS / 8 mm
Cinch video-ingang (AVS)	VHS / 8 mm
Cinch klankingen	L + R
Aansluiting hoofdtelefoon	Stekker 6,3mm 32 - 200 ohm

### Aansluitingen (achterzijde)

IEC-bus 75 ohm	antenne / kabel/PIP
----------------	---------------------

EURO-AV 1:	Video IN	SVHS / Hi 8 / VHS / 8 mm
	Video OUT	SVHS / Hi 8 / VHS / 8 mm
	Audio IN/OUT	L + R

EURO-AV 2:	Video IN	SVHS / Hi 8 / RGB / VHS / 8 mm
	Video OUT	(SVHS / Hi 8 uitsluitend bij SVHS Link Plus) VHS / 8 mm
	Audio IN/OUT	L + R
EURO-AV 3:	Video IN/OUT	S-VHS / Hi 8 / RGB / YUV / VHS / 8 mm
	Audio IN	L + R

### Component IN:

Cinch	Y-signaal
Cinch	Cr/Pr-signaal
Cinch	Cb/Pb-signaal
2xCinch L+R	AUDIO OUT
2xCinch L+R A	UDIO IN 1
Stekkerbus 3,5mm	UDIO IN 2
2xCinch L+R	AUDIO IN 3
Cinch-ingangsbuss IN 1	digitale klank
Cinch-ingangsbuss IN 2	digitale klank
Cinch-uitgangsbuss OUT	digitale klank
SYSTEM-bus, 9-polig	AUDIO
Infrarood-Link	stekkerbus 3,5 mm
RC5/RC6	stekkerbus 2,5 mm
Servicebus	8-polig
Aansluiting DVI	digitale ingang
Ingang-VGA	via DVI-bus met optionele adapter voor draaivoetbesturing
Bus CTRL	



# Technical Specification

## Physical Data

<b>Articos 55 HD (US)</b>	<b>Article no. 63404</b>
Technology	1-Panel DLP Rear Projection
Colors	Basalt (highgloss, matt), Platinum
Shipping Weight lbs	284.5
Weight (lbs.)	182
Dimensions (WxHxD)	54" x 41" x 19.5"
<b>Display</b>	
Aspect Ratio	16:9
Screen Size	55"
Pixel Format	1280 x 720
Optical Engine by	Carl Zeiss
DLPTM Technology by	Texas Instruments
Projector Lamp	120 W (Longlife)

## Electrical Data

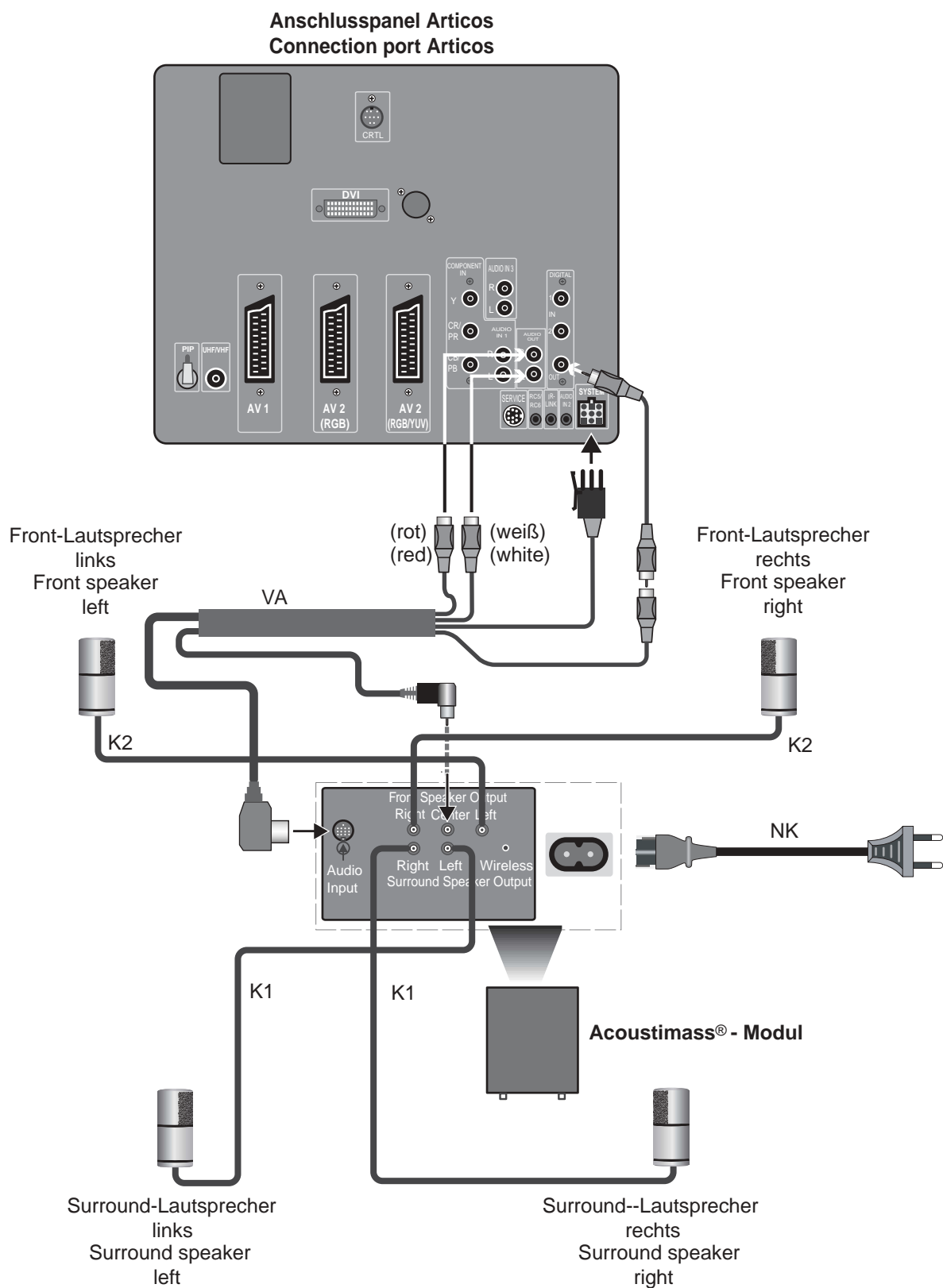
Chassis Designation	RA 2550
Power Supply	120V / 60Hz
Power Consumption	195 Watts, Standby <3 Watts
Ambient Temperature	41–104j F
Ambient Pressure	800-1114 HPa / 0-10,000 ft
Tuner VHF/UHF/Cable1	125 Channel
TV Standards	NTSC
Sound Standard	MTS
Rated Audio Power	2 x 20 Watts / 4 Ohm
Number of Speakers	4
Speaker Concept	Bass Reflex

## Connections

<b>Name</b>	<b>Connector</b>	<b>Signal</b>
Audio/Video Input (front)	RCA, S-Video jack	Stereo, S-Video, Composite
Headphone Output	1/4" Stereo jack	Stereo (32 - 200 Ohm)
Antenna Input A/B	IEC socket/"F" adapter (x2)	RF (75 Ohm)
Antenna Loop Output	IEC socket/"F" adapter	RF (75 Ohm)
RS 232	DB 9	Communications Bus
CTRL	Mini DIN 9	Motor Unit Control
DVI/HDCP Input	DVI	Digital Video
VGA Input	DVI (via VGA/DVI adapter)	VGA / RGB
Audio/Video Input (rear)	3x (RCA, S-Video jack)	Stereo, S-Video, Composite
Component Input	RCA	Y/Cr/Cb, Y/Pr/Pb, Stereo
Monitor Output	RCA, S-Video jack	Stereo, S-Video, Composite
Digital Audio Input 1 (optical)	TOSLINK	S/PDIF (PCM, AC3, DTS, ...)
Digital Audio Input 2 (coaxial)	RCA	S/PDIF (PCM, AC3, DTS, ...)
Digital Audio Output (coaxial)	RCA	S/PDIF (PCM, AC3, DTS, ...)
Audio Output	RCA	Stereo (fixed/variable audio)
Service	Mini DIN 8	System Control Bus
IR-Link (Output)	Mono mini jack	Modulated Remote Commands
Audio VGA Input	Stereo mini jack	Analog Stereo
System	Connector 9-pin	Concertos Center Channel

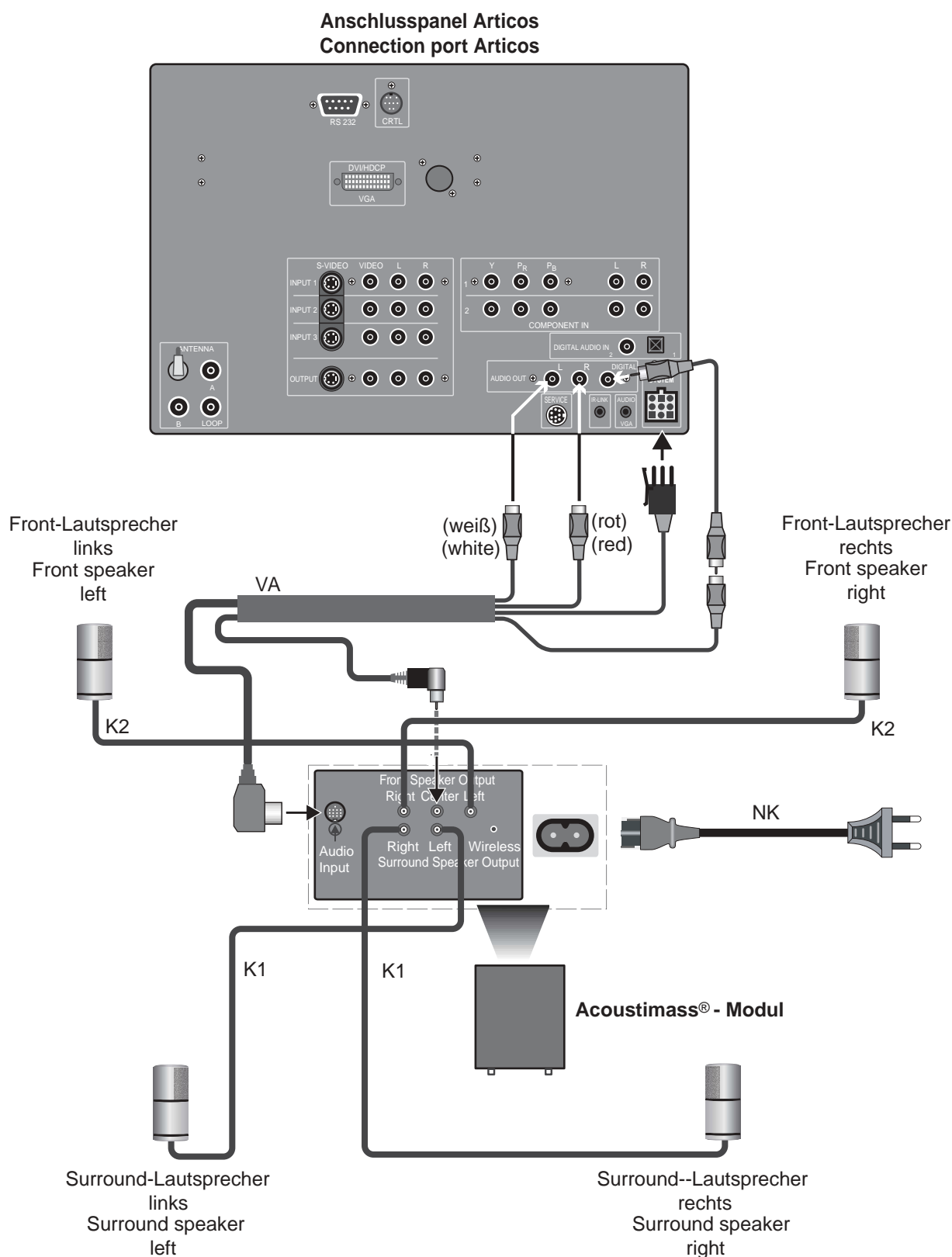


## Anschlussplan Loewe Concertos Sound-System und Articos Cable diagram Loewe sound systems Concertos and Articos

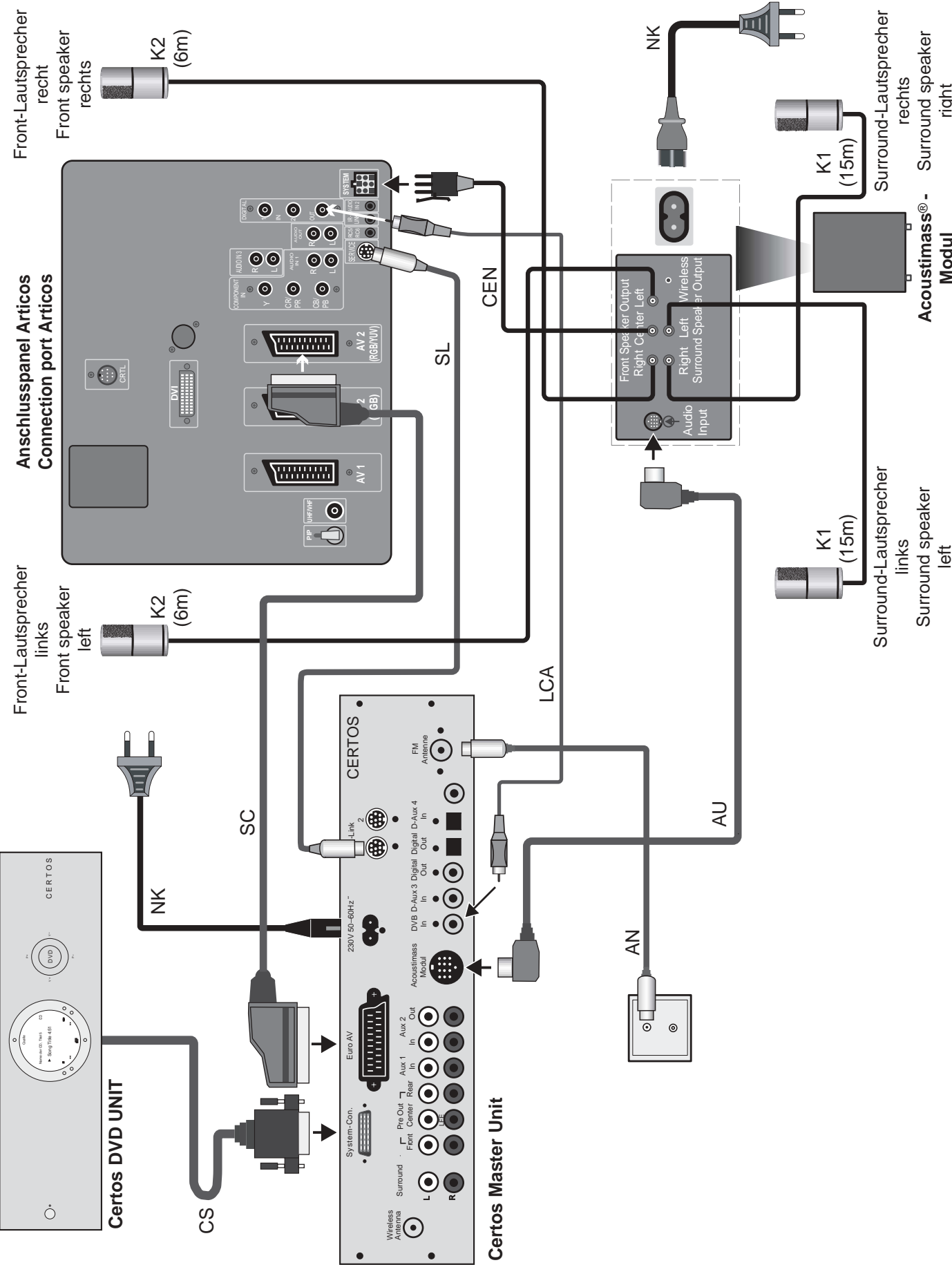


# Anschlussplan Loewe Concertos Sound-System und Articos (US)

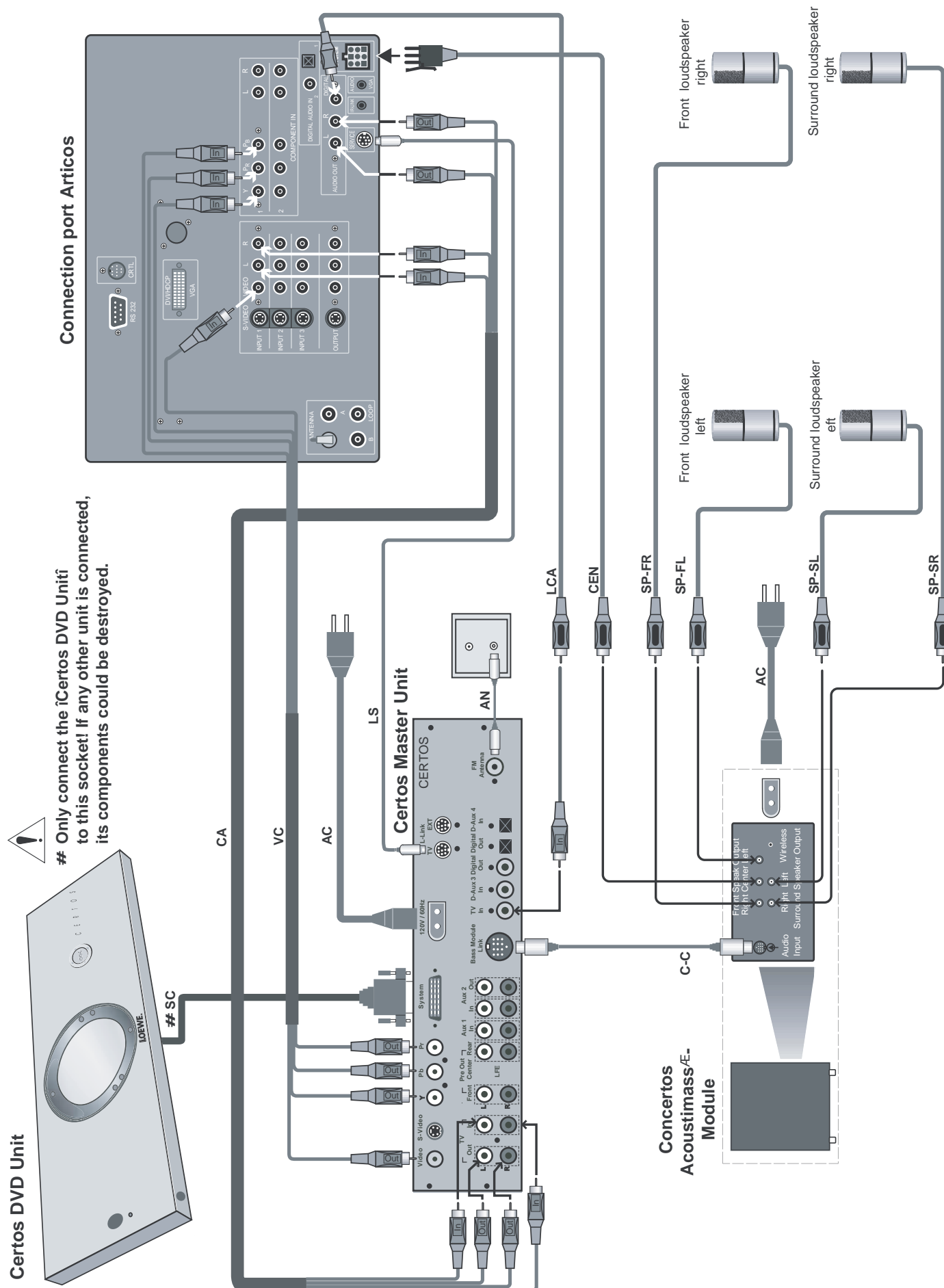
## Cable diagram Loewe sound systems Concertos and Articos (US)



# Anschlussplan Loewe Certos/Concertos Sound-System und Articos Cable diagram Loewe sound systems Certos/Concertos and Articos



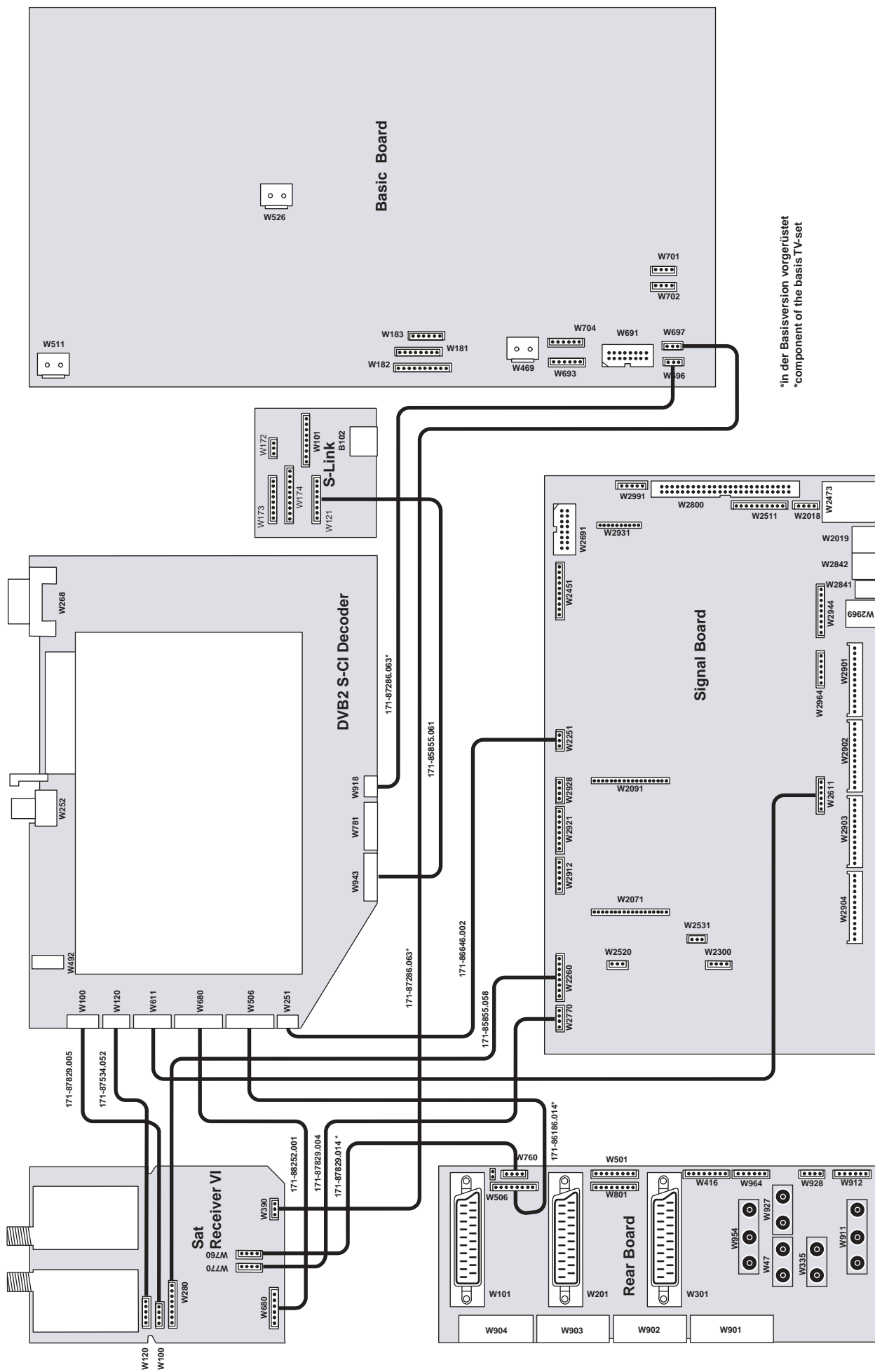
## Cable diagram Loewe sound systems Certos/Concertos and Articos (US)



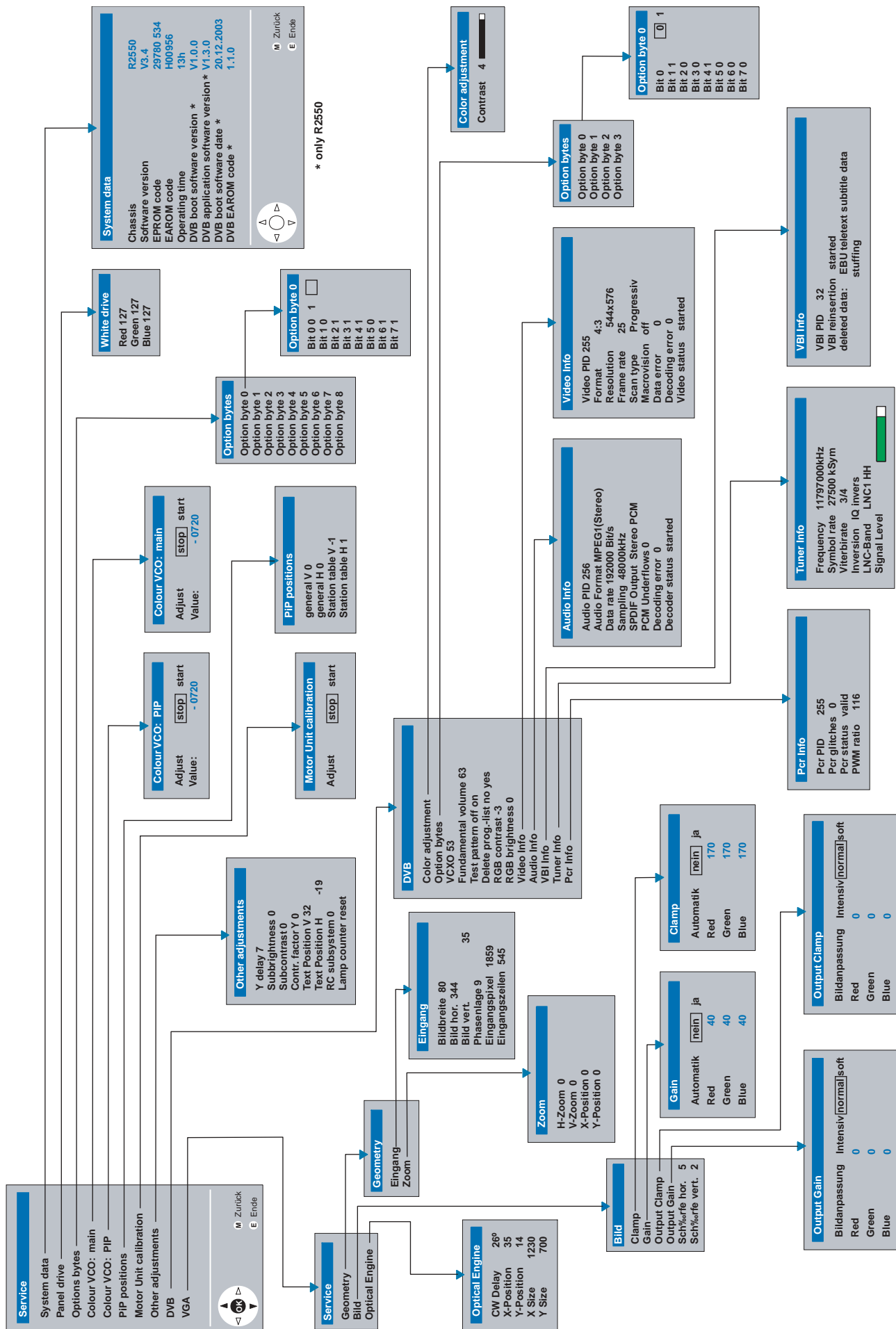




## Verdrahtungsplan DVB • DVB Cable diagram



# Service Menü • Service menu • Menu de service • Menü di servizio • Menü SERVICE • Service menu (R2550, RA2550)





Abgleichfunktion Alignement function Fonction d'alignement Funzione di comp. Función de ajuste. Afstemmingsfuncties	Bit-Nr. No. N°. No. No. Nr.	Bedeutung Meaning Signification Significato Significación Betekenis	"0"	"1"	Einstellung ab Werk Adjusted in the factory Réglage en usine Registrazione in fabbrica Ajuste en fábrica Instelling af fabriek
<b>Byte 0</b>	<b>0</b>	Terrestrischer Tuner	BGDK	Multinorm	<b>1</b>
	<b>1</b>	EPG Programmfiter EPG Programme filter	aus off	ein on	<b>0</b>
	<b>2</b>	ZAP <sup>2</sup> TEXT	nein no	ja yes	<b>0</b>
	<b>3</b>	Rotations Modul	nein no	ja yes	<b>0</b>
	<b>4</b>	LOEWE SYSTEMS-Gerät LOEWE SYSTEMS TV set	nein no	ja yes	<b>0</b>
	<b>5</b>	Blaubild ohne Signal Blue picture w/o signal	ja yes	nein no	<b>0</b>
	<b>6</b>	VGA Modul	nein no	ja yes	<b>1</b>
<b>Byte 1</b>	<b>7</b>	TVA	nein no	ja yes	<b>0</b>
	<b>0</b>	Zeitgest. Progr. Umschaltung Timing program change	ja yes	nein no	<b>0</b>
	<b>1</b>	Sync Slicer VPC	nicht beschrieben not descripted	beschrieben descripted	<b>0</b>
	<b>2</b>	WSS-Auswertung im VCR-Mode WSS Detection in VCR mode	nein no	ja yes	<b>1</b>
	<b>3</b>	VPC Sync Slicer Pegel im TV-Mode VPC Sync Slicer level in TV mode	TV-Pegel TV level	VCR-Pegel VCR level	<b>0</b>
	<b>4</b>	HMM-Sofort Start HMM immediately start	nein no	ja yes	<b>0</b>
	<b>5</b>	OEM Gerät OEM TV set	nein no	ja yes	<b>0</b>
<b>Byte 2</b>	<b>6</b>	AMD für Film-Mode bei TV/DVB AMD for movie mode with TV/DVB	gesperrt disabled	zugelassen permitted	<b>1</b>
	<b>7</b>	bei VGA Synch Ausfall at VGA mode sync failure	umschalten in TV-Mode flick in TV mode	VGA-Mode beibehalten keep VGA mode	<b>1</b>
	<b>0</b>	FLOF	ein on	aus off	<b>0</b>
	<b>1</b>	EPG Erstes Einschalten EPG First use	nein no	ja yes	<b>1</b>
	<b>2</b>	Lock Mode VPC	nein no	ja yes	<b>1</b>
	<b>3</b>	Dunkeltastung beim Umschalten Blanking by switch-over	nein no	ja yes	<b>0</b>
	<b>4</b>	Lautstärkepegel MSP-Ausgang Volume level MSP output	normal normal	+9dB (HW-Änderung BB) +9dB (HW modification BB)	<b>0</b>
<b>Byte 3</b>	<b>5</b>	AGC Speicher AGC memory	aus off	ein on	<b>1</b>
	<b>6</b>	Reaktionszeit auf FB-Befehle Reaction time of remote orders	schnell fast	langsam slow	<b>0</b>
	<b>7</b>	WSS (Wide Screen Signalling Bits)	ausgewertet evaluated	nicht ausgewertet not evaluated	<b>0</b>
	<b>0</b>	Bildröhrenformat (Standardwerte) Picture ratio (standard values)	zulassen approved	gesperrt blocked	<b>0</b>
	<b>1</b>	Bildgröße Picture size	4:3	16:9	<b>1</b>
	<b>2</b>	EPG (analog) Nacht-Aktualisierung EPG (analogue) night update	aus off	ein an	<b>1</b>
	<b>3</b>	frei free	—	—	<b>0</b>
<b>Byte 3</b>	<b>4</b>	Abschalten nach Programmschluss Switching off after channel closes	ja yes	nein no	<b>0</b>
	<b>5</b>	Fabrik Modus Factory mode / Tanberg Monitor	aus off	ein on	<b>0</b>
	<b>6</b>	PIP-Hintergrundfarbe im VGA-Mode PIP background at VGA mode	schwarz black	PIP-Rahmenfarbe PIP frame colour	<b>1</b>
	<b>7</b>	Menü "erstes Einschalten" "First use" Menu	nein no	ja yes	<b>1</b>

Abgleichfunktion Alignement function Fonction d'alignement Funzione di comp. Función de ajuste. Afstemmingsfuncties	Bit-Nr. No. N°. No. No. Nr.	Bedeutung Meaning Signification Significato Significación Betekenis	"0"	"1"	Einstellung ab Werk Adjusted in the factory Réglage en usine Registrazione in fabbrica Ajuste en fábrica Instelling af fabriek
<b>Byte 4</b>	<b>0</b>	Einschalverzögerung switch on delay	nein no	1s nach Regelung ein 1s after adjustment on	<b>1</b>
	<b>1</b>	Autom. Lautstärke Regelung (AVC) Automatic Volume Control (AVC)	langsam slow	schnell fast	<b>0</b>
	<b>2</b>	Abschaltvorhang Power down cycle	ja yes	nein no	<b>0</b>
	<b>3</b>	Dunkeltastung beim Umschalten (DVB) Blanking by switch-over (DVB)	nein no	ja yes	<b>0</b>
	<b>4</b>	Autom. Filmkennung (AMD) AMD switch-over (AMD)	schnell fast	langsam slow	<b>1</b>
	<b>5</b>	Warmlaufmodus Warm-up mode	ein on	aus off	<b>1</b>
	<b>6</b>	Movie Fall Back Mode (BESIC)	aus off	ein on	<b>0</b>
	<b>7</b>	Standbild im VCR Mode "Pause" Still picture in VCR Mode "break"	ja yes	nein no	<b>1</b>
<b>Byte 5</b>	<b>0</b>	SUB 27 Befehle SUB 27 orders	ausgewertet evaluated	nicht ausgewertet no evaluated	<b>0</b>
	<b>1</b>	Seiten umblättern bei EPG (analog) Turning pages with EPG (analogue)	Cursor springt nach unten Cursor jumps to bottom	Cursor springt nach oben Cursor jumps to top	<b>0</b>
	<b>2</b>	50 Hz Progressiv-Darstellung 50 Hz progressive representation	aus off	ein on	<b>1</b>
	<b>3</b>	60 Hz Progressiv-Darstellung 60 Hz progressive representation	aus off	ein on	<b>0</b>
	<b>4</b>	HMM-Mode	nein no	ja yes	<b>0</b>
	<b>5</b>	EPG Test-Mode EPG test mode	aus off	ein on	<b>0</b>
	<b>6</b>	HMM-Tastatur HMM keyboard	alt old	neu new	<b>1</b>
	<b>7</b>	Idle-Mode in Stand By	nein no	ja yes	<b>1</b>
<b>Byte 6</b>	<b>0</b>	HDLC	time out	no time out	<b>0</b>
	<b>1</b>	Klemmverst. RGB-Eingang VPC blank amplifier RGB input VPC	ACh	AOh	<b>1</b>
	<b>2</b>	Funktion an Port 2.14 (M2 Pin 11) Function at port 2.14 (M2 pin 11)	Tastensperre für TVO Key lock for TVO	Entmagnetisierung Demagnetisation	<b>0</b>
	<b>3</b>	EPG RAM Test	ja yes	nein no	<b>0</b>
	<b>4</b>	VT Time out nach 10 Minuten VT time out after 10 minutes	ja yes	nein no	<b>0</b>
	<b>5</b>	autom. Einschalten im VT-Modus automatic switch on in VT mode	nein no	ja yes	<b>0</b>
	<b>6</b>	Indikation des Film-Modes Indication of film mode	nein no	nein no	<b>0</b>
	<b>7</b>	VT-Unterseiten Mode VT subpages mode	normal normal	aus off	<b>0</b>
<b>Byte 7</b>	<b>0</b>	BESIC Version Factory mode	<V5..2	>V5..2	<b>0</b>
	<b>1</b>	Ton für HMM-Geräte Sound for HMM sets	VGA-Ton intern VGA sound internal	VGA-Ton iextern VGA sound iexternal	<b>1</b>
	<b>2</b>	Suchlauf Search	normal normal	Test Mode (Feinsuchlauf) test mode (fine search)	<b>1</b>
	<b>3</b>	Bevorzugter Tuner (DVD bestückt) preferred tuner (with DVD)	zus. SAT-Tuner (normal) additional SAT tuner (normal)	Haupt SAT-Tuner main SAT tuner	<b>0</b>
	<b>4</b>	Auswertung der 16:9-Schaltspannung Assessing the 16:9 switching voltage	ja yes	nein no	<b>0</b>
	<b>5</b>	Bevorzugter Tuner (ohne DVD) preferred tuner (without DVD)	Haupt-SAT-Tuner (normal) main SAT tuner (normal)	zus. SAT-Tuner (keine Tonstörung) additional SAT tuner (no sound impairment)	<b>0</b>
	<b>6</b>	AV2-Monitor für C-Bax AV2 monitor for C Box	gesperrt disabled	freigegeben enabled	<b>1</b>
	<b>7</b>	ext. HF-Sender für Ton ext. RF transmitter for sound	ja yes	nein no	<b>1</b>

Abgleichfunktion Alignement function Fonction d'alignement Funzione di comp Función de ajuste. Afstemmingsfuncties	Bit-Nr. No. N°. No. No. Nr.	Bedeutung Meaning Signification Significato Significación Betekenis	"0"	"1"	Einstellung ab Werk Adjusted in the factory Réglage en usine Registrazione in fabbrica Ajuste en fábrica Instelling af fabriek
<b>Byte 8</b>	<b>0</b>	Fabrik Mode Factory mode	nein no	ja yes	<b>0</b>
	<b>1</b>	Klinkenstecker Audio-in fJack plug audio in	nicht bestückt without	bestückt with	<b>1</b>
	<b>2</b>	Frontbuchse Front socket	bestückt with	nicht bestückt without	<b>0</b>
	<b>3</b>	Dyn. Bass (MICRONAS)	aus off	ein on	<b>0</b>
	<b>4</b>	75 Hz Interface-Darstellung 75 Hz interface representation	aus off	ein on	<b>0</b>
	<b>5</b>	Blue Stretch	aus off	ein on	<b>0</b>
	<b>6</b>	Black Stretch	aus off	ein on	<b>0</b>
	<b>7</b>	Auto. Wiedereinschalten (Warm Up) Auto. on (warm up)	aus off	ein on	<b>0</b>
<b>Byte 9</b>	<b>0</b>	Chroma-Ausgang an SCART 1 Chroma output to SCART 1	Pin 7	Pin 15	<b>0</b>
	<b>1</b>	ext. Receiver im VT-Mode ext. receiver in VT mode	autom. Kanalkennung autom. channel identification	keine autom. Kanalkennung no autom. channel identification	<b>0</b>
	<b>2</b>	Halbbildkennung im VCR-Mode Half-picture identification in VCR mode	Automatik ein Automatic on	Automatik aus Automatic off	<b>0</b>
	<b>3</b>	VGA-Toneingang VGA sound input	Klinkenstecker Jack plug	SCART 1 AV1	<b>0</b>
	<b>4</b>	DiSEqC Telegramm DiSEqC telegram	auch für unben. Schalter also for unused switch	nicht für unbenutzten Schalter no for unused switch	<b>0</b>
	<b>5</b>	Detaillierte Signalinformation Detail signal information	nein no	ja yes	<b>0</b>
	<b>6</b>	Algorithmus für VT-Augenhöhe Algorithmus for VT eye-level	verbessert ab M2 B12 improved from M2 B12	nicht verbessert no improved	<b>0</b>
	<b>7</b>	Drehfußsteuerung via RC5 Rotary foot control via RC5	nein no	ja yes	<b>0</b>
<b>Byte 10</b>	<b>0</b>	Konvertierung 50i>60p Convertibility 50i>60p	nein no	ja yes	<b>0</b>
	<b>1</b>	Synchronmodus im Scaler Synchron mode in scaler	warten wait	springen jump	<b>0</b>
	<b>2</b>	Lüfterbetrieb Fan operation	Automatik Automatic	immer ein always on	<b>0</b>
	<b>3</b>	bei „Ton über TV“ at „Sound via TV“	Cinchaus. nicht gemutet Cinch out not muted	Cinchausgang gemutet Cinch out muted	<b>1</b>
	<b>4</b>	frei free	----	----	<b>0</b>
	<b>5</b>	frei free	----	----	<b>0</b>
	<b>6</b>	frei free	----	----	<b>0</b>
	<b>7</b>	frei free	----	----	<b>0</b>

Abgleichfunktion Alignement function Fonction d'alignement Funzione di comp. Función de ajuste. Afstemmingsfuncties	Bit-Nr. No. N°. No. Nr.	Bedeutung Meaning Signification Significato Significación Betekenis	"0"	"1"	Einstellung ab Werk Adjusted in the factory Réglage en usine Registrazione in fabbrica Ajuste en fábrica Instelling af fabriek
<b>Byte 0</b>	<b>0</b>	HDLC timeout	no	yes	<b>0</b>
	<b>1</b>	VPC Synch slicer threshold	not written	written	<b>0</b>
	<b>2</b>	Read sidepanel from	PROM (new BESIC)	EAROM	<b>1</b>
	<b>3</b>	Motor Unit	possible	imposible	<b>1</b>
	<b>4</b>	Available TV-Mode	480 lines proscan	960 lines interlace	<b>0</b>
	<b>5</b>	Blue picture w/o signal	yes	no	<b>0</b>
	<b>6</b>	VGA Modul	yes	no	<b>0</b>
	<b>7</b>	VGA switch	delayed	undelayed	<b>1</b>
<b>Byte 1</b>	<b>0</b>	Timer controlled prg. switch	yes	no	<b>0</b>
	<b>1</b>	Auto YC on AV input	yes	no	<b>0</b>
	<b>2</b>	Text mode	black backround	drop shadow	<b>0</b>
	<b>3</b>	Close caption	enhanced attr. off	enhanced attr. on	<b>0</b>
	<b>4</b>	PIP	frame mode	field mode	<b>0</b>
	<b>5</b>	16:9 sets and PIP on	pan/cin/zoom possible	pan/cin/zoom impossible	<b>0</b>
	<b>6</b>	Auto PAL/NTSC via AV	no	yes	<b>1</b>
	<b>7</b>	free	—	—	<b>0</b>
<b>Byte 2</b>	<b>0</b>	Auto color PAL/NTSC	only NTSC	always on (only for fafactory use)	<b>1</b>
	<b>1</b>	Indicate movie mode	no	yes	<b>0</b>
	<b>2</b>	Lock Mode VPC	no	via side panel color	<b>0</b>
	<b>3</b>	Blanking program switch	yes	no	<b>0</b>
	<b>4</b>	Fan is always on	yes	no	<b>0</b>
	<b>5</b>	AGC memory	disabled	enabled	<b>1</b>
	<b>6</b>	Reaction to delayed commands	fast	slow	<b>0</b>
	<b>7</b>	Auto movie source detection	no	yes	<b>1</b>
<b>Byte 3</b>	<b>0</b>	Default aspect ratio	enabled	disabled	<b>1</b>
	<b>1</b>	Picture size	4:3	16:9	<b>1</b>
	<b>2</b>	Rotations coil	no	yes	<b>1</b>
	<b>3</b>	Split screen vert. delay	disabled	enabled	<b>0</b>
	<b>4</b>	Switch-off autom. (w/o Sync)	yes	no	<b>0</b>
	<b>5</b>	Warm up mode	off	on	<b>0</b>
	<b>6</b>	OSD clamping	old	new	<b>1</b>
	<b>7</b>	First switch-on	no	yes	<b>1</b>

Option Byte-Tabelle • Option Byte Table • Tableau Option Byte  
 Tabella Byte delle Opzioni • Tabla de bytes de opciones • Option Bytes tabel

US Version

Abgleichfunktion Alignement function Fonction d'alignement Funzione di comp Función de ajuste. Afstemmingsfuncties	Bit-Nr. No. N°. No. No. Nr.	Bedeutung Meaning Signification Significato Significación Betekenis	"0"	"1"	Einstellung ab Werk Adjusted in the factory Réglage en usine Registrazione in fabbrica Ajuste en fábrica Instelling af fabriek
<b>Byte 4</b>	<b>0</b>	Sound ident info OSD active	no	yes (only for test)	<b>0</b>
	<b>1</b>	Auto volume control (AVC)	slow	fast	<b>0</b>
	<b>2</b>	50Hz progressive scan	disabled	enabled	<b>0</b>
	<b>3</b>	60Hz progressive scan	disabled	enabled	<b>1</b>
	<b>4</b>	Auto movie detect (AMD)	fast	slow	<b>1</b>
	<b>5</b>	Warm up mode	on	off	<b>1</b>
	<b>6</b>	Chroma inverter BESIC	on	off	<b>0</b>
	<b>7</b>	SUB 27 commands via IR	inhibit	uninhibited	<b>0</b>
<b>Byte 5</b>	<b>0</b>	Scan velocity modulation	disabled	enabled	<b>1</b>
	<b>1</b>	Welcome screen	from EPROM	from EAROM	<b>0</b>
	<b>2</b>	Output selected	monitor	tuner	<b>0</b>
	<b>3</b>	Basic board	Q2460	Q2400	<b>0</b>
	<b>4</b>	VGA synch switching	old	new	<b>1</b>
	<b>5</b>	Values for upconversion	automatic	manual recursion	<b>0</b>
	<b>6</b>	Input locking source	input1	VGA	<b>0</b>
	<b>7</b>	Input locking	off	on	<b>0</b>
<b>Byte 6</b>	<b>0</b>	Gamma-settings (1080i)	from EAROM	from EPROM	<b>0</b>
	<b>1</b>	sync source for VGA 480p	external	VPC	<b>0</b>
	<b>2 *</b>	input locking source mask	input 1 component input	VGA input DVI	<b>0</b>
	<b>3 *</b>	input locking source mask	input 1 VGA input	component input DVI	<b>0</b>
	<b>4</b>	reserved	—	—	<b>0</b>
	<b>5</b>	free	—	—	<b>1</b>
	<b>6</b>	Component input	no autosense	autosense	<b>0</b>
	<b>7</b>	Subbrightness and subcontrast for YUV 480i	enabled	disabled	<b>0</b>

Option Byte 6	Bit 2 *	Bit 3 *
input 1	<b>0</b>	<b>0</b>
component input	<b>0</b>	<b>1</b>
VGA input	<b>1</b>	<b>0</b>
DVI	<b>1</b>	<b>1</b>

# Baugruppenübersicht • Components chart

Articos 55 HD		Articos 55 HD	63403x62	Articos 55 HD US	63404x20	Geräte Typ TV set type	Art.-Nr. Art.-N°
Baugruppen / Components							
Basic Board	396-88633.050	●	●			Geräte Baugruppen Set components	
Signal Board	396-88557.055	●					
Signal Board	396-88557.065			●			
Rear Board	396-88558.050	●					
Rear Board	396-88681.050			●			
Scaler Board	396-88882.055	●					
Scaler Board	396-88882.065			●			
Hyperband Tuner 8 MHz, M <sup>1)</sup>	260-87271.051	●					
Hyperband Tuner 8 MHz, MPAS <sup>2)</sup>	260-87345.060	●					
Hyperband Tuner 8 MHz, US <sup>3)</sup>	260-87346.050			●			
Hyperband Tuner 8 MHz, USP99 <sup>4)</sup>	260-87507.051			●			
DIS Modul	396-88804.050	●	●				
S-Link-Erweiterung • S link expansion	396-88857.050	●					
S-Link-Erweiterung • S link expansion	396-88857.065			●			
Bassverstärker • Subwoofer Amplifier	396-88493.061	●	●				
Bedienteil • Control board	396-88226.053	●					
Bedienteil • Control board	396-88668.051			●			
Optische Bildröhre vorm. • Optical CRT prem.	345-88748.050	●	●				
DVI Extension	396-88682.050	●	●				
EVG 120W	291-31153.050	●	●				
Frequenzweiche • Cross-over network	396-85729.078	●	●				
IR-Empfänger • IR Receiver	396-87476.051	●	●				
IR- Geber "RC2" • Remote Handset "RC2"	009-89500.A50	●					
IR- Geber "RC2" • Remote Handset "RC2"	009-89510.A00			●			
Dolby Digital AC 3	396-88828.050	●	●				
Audio Erweiterung • Audio Extension	396-88234.050/051	●	●				
Audio Erweiterung • Audio Extension	396-88678.050	●	●				
HDR	009-88801.050	●	●				

1) Multisystem for entertainment • 2) Multisystem with Antenna Splitter • 3) USA type for consumer electronic • 4) USA-PIP type for consumer electronic

# ARTICOS 55 HD (EU)

63403x62

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>BAUGRUPPEN</b>		<b>UNITS</b>		
U250	optische Bildröhre ARTICOS 55 vorm. ....	Picture Tube .....	345-88748.050	
U2550	Basic Board kpl. R2550/RA2550 .....	P.C.B .....	396-88633.050	
U2551	Signal Board kpl. R2550 .....	P.C.B .....	396-88557.055	
U350	SPHEROS IR-Empfänger SVGA .....	P.C.B .....	396-87476.051	
U360	elektronisches Vorschaltgerät 120W .....	Scaffolding Access. ....	291-31153.050	
U730	Rearboard kpl. S2550/R2550 .....	P.C.B .....	396-88558.050	
U740	Scaler-Board kpl. R2550/RA2550 .....	P.C.B .....	396-88882.050	
U760	S-LINK-Erweiterung kpl. R2550 .....	P.C.B .....	396-88857.050	
U800	Baß-Endstufe 40W Mono kpl. R2550/RA2550 .....	P.C.B .....	396-88493.061	
U8211	Modul-Bedienteil R2550 kpl. ....	P.C.B .....	396-88226.053	
<b>DRUCKSACHEN</b>		<b>OPERATING INSTRUCTIONS</b>		
633	BAN -D-I ARTICOS 55 EU .....	Operating Instructions .....	233-31599	
634	BAN -NL-F ARTICOS 55 EU .....	Operating Instructions .....	233-31599.010	
635	BAN -GB-E ARTICOS 55 EU .....	Operating Instructions .....	233-31599.020	
638	LOEWE Marketing-Card .....	Indicating Sheet .....	240-31294	
639	Garantie- und Service-Card Version A .....	Indicating Sheet .....	240-31300	
640	Rückumschlag Marketing-Card .....	Indicating Sheet .....	240-31298	
641	Folder - MEHR ERLEBEN MIT SYSTEM .....	Indicating Sheet .....	240-31197.001	
<b>GERÄTEBEIPACK</b>		<b>SET SUPPLEMENT</b>		
643	Mikrozelle 1,5V Alkali-Mangan .....	Accumulator .....	280-13411	
645	Reinigungsmittel 100ml .....	Detergent .....	209-29719	
646	Reinigungsset - Tuch+Handschuhe .....	Protective Covering .....	254-29720	
N110	Verbindungsltg. UL DVI-DUAL LINK 600lg. ....	Connecting Cable .....	169-88868.001	
U9111	RC2 platin .....	Transmitter .....	263-89500.A00	
<b>VERPACKUNGSMATERIAL</b>		<b>PACKING MATERIAL</b>		
600	Schachtel/Ring ARTICOS 55 .....	Packing Case .....	245-88728.002	
601	Flachpalette (einweg) ARTICOS 55 .....	Wood Foot Rack .....	259-88872.001	
603	Schachtel/Stülpedeckel ARTICOS 55 .....	Packing Case .....	245-88728.012	
607	Kippindikator TIP-N-TELL .....	Adhesive Label .....	220-31658	
610	Verpackungsformteil ARTICOS 55 .....	Cushion-Set .....	252-88729.050	
630	Verpackungskarton für BAN+FB RC2 .....	Packing Case .....	245-88422.004	
631	Sicherheitsetikett 40mm .....	Adhesive Label .....	220-26766	
632	PE-Schutzeinlage 265x480x1 .....	Protective Packing .....	253-26221.001	
<b>VERBINDUNGSLEITUNG</b>		<b>CONNECTING CABLES</b>		
N 26	Anschlußleitung UL 2-pol. 265lg. ws .....	Power Cord .....	170-88782.052	
N103	Netzkabel Dr. 3400mm 0,75 sw JST .....	Power Cord .....	170-29158.003	
<b>KNÖPFE</b>		<b>BUTTONS</b>		
G320	Tastenset für Servicefunktionen graphit .....	Button .....	682-87685.204	C62
G320	Tastenset für Servicefunktionen graphit .....	Button .....	682-87685.204	M62
G320	Tastenset für Servicefunktionen platin .....	Button .....	682-87685.209	A62
G330	Knopf graphit AVENTOS .....	Button .....	682-88528.004	C62
G330	Knopf graphit AVENTOS .....	Button .....	682-88528.004	M62
G330	Knopf platin AVENTOS / ARTICOS 55 .....	Button .....	682-88528.009	A62

# ARTICOS 55 HD (EU)

63403x62

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>GEHÄUSETEILE</b>		<b>CABINET MOUNTING</b>		
100	Fuß Aluminium ARTICOS .....	Foot .....	783-88215.002	
102	Formstanzteil 38x20mm .....	Damping Rubber .....	406-29728	
103	Schallwand ARTICOS 32 vormontiert .....	Front Cover .....	776-88195.050	
105	Bodenplatte ARTICOS 55 .....	Bottom Cover .....	777-88641.001	
107	Spiegel groß ARTICOS 55 .....	Window .....	666-88647.001	
108	Distanzprofil .....	Damping Rubber .....	406-88761.001	
111	Rückwandschraube M4x14-4.8 sw .....	Screw .....	432-31470	
115	Filzzuschnitt 25x1,65 sw .....	Felt Strip .....	414-27523	
151	Rückwandschraube M4x14-4.8 sw .....	Screw .....	432-31470	
154	Rückwandschraube M4x14-4.8 sw .....	Screw .....	432-31470	
155	Zugentlastung schwarz .....	Cable Binding .....	530-83106.102	
159	Abdeckung Lüfter schwarz ARTICOS 55 .....	Mask .....	703-89058.002	
256	Halteblech schwarz für Spiegel klein .....	Holder .....	602-88642.002	
257	Spiegel klein ARTICOS 55 .....	Window .....	666-88648.001	
258	Halter für Spiegelverstellung ARTICOS 55 .....	Holder .....	602-88922.001	
301	Abdeckblech schwarz Bedienung ARTICOS 55 .....	Cover .....	568-88635.102	
734	Abdeckung für Buchsenöffnung S2550 sw .....	Mask .....	703-88611.002	
735	Abdeckung für Buchsenöffnung sw R2550 .....	Mask .....	703-89054.002	
G100	Holzgehäuse innen schwarz ARTICOS 55 .....	Cabinet .....	750-88643.002	
G102	Frontscheibe basalt matt ARTICOS 55 .....	Window .....	666-88639.005	
G110	Rückwand basalt-matt ARTICOS 55 .....	Backcover .....	775-88646.005	C62
G110	Rückwand platin ARTICOS 55 .....	Backcover .....	775-88646.009	A62
G110	Rückwand basalt-hgl. ARTICOS 55 .....	Backcover .....	775-88646.015	M62
G112	Abdeckung Rückw. basalt-matt ARTICOS 55 .....	Mask .....	703-88645.005	C62
G112	Abdeckung Rückwand platin ARTICOS 55 .....	Mask .....	703-88645.009	A62
G112	Abdeckung Rückw. basalt-hgl. ARTICOS 55 .....	Mask .....	703-88645.015	M62
G350	Ziergitter platin ARTICOS 55 .....	Speaker Grille .....	708-88638.009	A62
G350	Ziergitter basalt-hgl. ARTICOS 55 .....	Speaker Grille .....	708-88638.015	C62
G350	Ziergitter basalt-hgl. ARTICOS 55 .....	Speaker Grille .....	708-88638.015	M62
<b>SPULEN/LAUTSPRECHER</b>		<b>COILS,SPEAKERS</b>		
190	Lüfter F8025S12B ohne Kont. ....	Motor .....	269-27521	
192	DC-Lüfter 80x80x25 inkl. Kabel vorm. ....	Motor .....	269-31814.050	
193	DC-Lüfter 92x92x25 inkl. Kabel vorm. ....	Motor .....	269-31822.050	
L101	Ferritkern geschlossen .....	Ferrite Bead .....	522-28128	
L102	Klappferrit rund 10mm schwarz .....	Ferrite Bead .....	522-31628	
L103	Ferritkern Ring R26x14,5x5,5 FE323 .....	Ferrite Bead .....	522-29824	
<b>ALLGEM. MECHAN. TEILE</b>		<b>COMMON MECHANICAL PARTS</b>		
H1510	Bolzen UNC HFS-4S-B1WM Fa. JST .....	Bolt .....	579-28072	



## CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so."

### Articos 55 HD (USA)

**63404x20**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>BAUGRUPPEN</b>		<b>UNITS</b>		
U250	optische Bildröhre ARTICOS 55 vorm. ....	Picture Tube .....	345-88748.050	
U2550	Signal Board kpl. RA2550 .....	P.C.B .....	396-88557.065	
U2550	Basic Board kpl. R2550/RA2550 .....	P.C.B .....	396-88633.050	
U350	SPHEROS IR-Empfänger SVGA .....	P.C.B .....	396-87476.051	
U360	elektronisches Vorschaltgerät 120W .....	Scaffolding Access. ....	291-31153.050	
U730	Rearboard kpl. SA2550/RA2550 .....	P.C.B .....	396-88681.050	
U740	Scaler-Board kpl. R2550/RA2550 .....	P.C.B .....	396-88882.050	
U760	S-LINK-Erweiterung kpl. RA2550 .....	P.C.B .....	396-88857.065	
U800	Baß-Endstufe 40W Mono kpl. R2550/RA2550 .....	P.C.B .....	396-88493.061	
U8211	Bedienteil kpl. RA2550 .....	P.C.B .....	396-88668.051	
<b>DRUCKSACHEN</b>		<b>OPERATING INSTRUCTIONS</b>		
633	BAN -GB- ARTICOS 55 US .....	Operating Instructions .....	233-31585.020	
634	BAN -F- ARTICOS 55 US .....	Operating Instructions .....	233-31585.040	
635	BAN -E- ARTICOS 55 US .....	Operating Instructions .....	233-31585.050	
639	Garantie u. Antwortkarte A24/244 .....	Guaranty Card .....	224-28352.002	
<b>GERÄTEBEIPACK</b>		<b>SET SUPPLEMENT</b>		
643	Mikrozelle 1,5V Alkali-Mangan .....	Accumulator .....	280-13411	
645	Reinigungstuch 30x30 .....	Protective Covering .....	254-31107	
N110	Verbindungs- UL DVI-Dual Link 600lg. ....	Connecting Cable .....	169-88868.001	
U9111	RC2 USA platin .....	Transmitter .....	263-89510.A00	
<b>VERPACKUNGSMATERIAL</b>		<b>PACKING MATERIAL</b>		
600	Schachtel/Ring ARTICOS 55 .....	Packing Case .....	245-88728.002	
601	Flachpalette (einweg) US/Austr. ....	Wood Foot Rack .....	259-88872.702	
603	Schachtel/Stülpedeckel ARTICOS 55 .....	Packing Case .....	245-88728.012	
606	Sisal Hongkong-Variante .....	Accessories .....	256-26496	
607	Kippindikator TIP-N-TELL .....	Adhesive Label .....	220-31658	
610	Verpackungsformteil ARTICOS 55 .....	Cushion-Set .....	252-88729.050	
630	Verpackungskarton für BAN+FB RC2 .....	Packing Case .....	245-88422.004	
631	Sicherheitsetikett 40mm .....	Adhesive Label .....	220-26766	
632	PE-Schutzeinlage 265x480x1 .....	Protective Packing .....	253-26221.001	
<b>VERBINDUNGSLEITUNG</b>		<b>CONNECTING CABLES</b>		
N 26	Anschlußleitung UL 2-pol. 265lg. ws .....	Power Cord .....	170-88782.052	
N103	Netzkabel USA m. Drossel 3200lg. ....	Power Cord .....	170-87684.002	
<b>KNÖPFE</b>		<b>BUTTONS</b>		
G320	Tastenset für Servicefunktionen graphit .....	Button .....	682-87685.204	C20
G320	Tastenset für Servicefunktionen graphit .....	Button .....	682-87685.204	M20
G320	Tastenset für Servicefunktionen platin .....	Button .....	682-87685.209	A20
G330	Knopf graphit AVENTOS .....	Button .....	682-88528.004	C20
G330	Knopf graphit AVENTOS .....	Button .....	682-88528.004	M20
G330	Knopf platin AVENTOS / ARTICOS 55 .....	Button .....	682-88528.009	A20
<b>GEHÄUSETEILE</b>		<b>CABINET MOUNTING</b>		
100	Fuß Aluminium ARTICOS .....	Foot .....	783-88215.002	
102	Formstanzteil 38x20mm .....	Damping Rubber .....	406-29728	
103	Schallwand ARTICOS 32 vormontiert .....	Front Cover .....	776-88195.050	
105	Bodenplatte ARTICOS 55 .....	Bottom Cover .....	777-88641.001	
107	Spiegel groß ARTICOS 55 .....	Window .....	666-88647.001	

# Articos 55 HD (USA)

63404x20

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>GEHÄUSETEILE</b>	<b>CABINET MOUNTING</b>		
108	Distanzprofil .....	Damping Rubber .....	406-88761.001	
111	Rückwandschraube M4x14-4.8 sw .....	Screw .....	432-31470	
115	Filzzuschnitt 25x1,65 sw .....	Felt Strip .....	414-27523	
151	Rückwandschraube M4x14-4.8 sw .....	Screw .....	432-31470	
154	Rückwandschraube M4x14-4.8 sw .....	Screw .....	432-31470	
155	Zugentlastung schwarz .....	Cable Binding .....	530-83106.102	
156	Lochblech ARTICOS 55 .....	Cover .....	778-88934.001	
159	Abdeckung Lüfter schwarz ARTICOS 55 .....	Mask .....	703-89058.002	
256	Halteblech schwarz für Spiegel klein .....	Holder .....	602-88642.002	
257	Spiegel klein ARTICOS 55 .....	Window .....	666-88648.001	
258	Halter für Spiegelverstellung ARTICOS 55 .....	Holder .....	602-88922.001	
301	Abdeckblech schwarz Bedienung ARTICOS 55 .....	Cover .....	568-88635.102	
305	Abdeckung Bedienteil ARTICOS 55 US .....	Mask .....	703-88976.001	
306	Abdeckung Bedienteil ARTICOS 55 US .....	Mask .....	703-88964.001	
731	Abdeckblech Rearboard schwarz US .....	Cover .....	568-88866.702	
735	Abdeckung schwarz .....	Ornamental Molding .....	701-87603.002	
G100	Holzgehäuse innen schwarz ARTICOS 55 .....	Cabinet .....	750-88643.002	
G102	Frontscheibe basalt matt ARTICOS 55 US .....	Window .....	666-88639.705	
G110	Rückwand basalt-matt ARTICOS 55 .....	Backcover .....	775-88646.005	C20
G110	Rückwand platin ARTICOS 55 .....	Backcover .....	775-88646.009	A20
G110	Rückwand basalt-hgl. ARTICOS 55 .....	Backcover .....	775-88646.015	M20
G112	Abdeckung Rückw. basalt-matt ARTICOS 55 .....	Mask .....	703-88645.005	C20
G112	Abdeckung Rückwand platin ARTICOS 55 .....	Mask .....	703-88645.009	A20
G112	Abdeckung Rückw. basalt-hgl. ARTICOS 55 .....	Mask .....	703-88645.015	M20
G350	Zierritter platin ARTICOS 55 .....	Speaker Grille .....	708-88638.009	A20
G350	Zierritter basalt-hgl. ARTICOS 55 .....	Speaker Grille .....	708-88638.015	C20
G350	Zierritter basalt-hgl. ARTICOS 55 .....	Speaker Grille .....	708-88638.015	M20
	<b>SPULEN/LAUTSPRECHER</b>	<b>COILS,SPEAKERS</b>		
190	Lüfter F8025S12B ohne Kont. ....	Motor .....	269-27521	
192	DC-Lüfter 80x80x25 inkl. Kabel vorm. ....	Motor .....	269-31814.050	
193	DC-Lüfter 92x92x25 inkl. Kabel vorm. ....	Motor .....	269-31822.050	
L101	Ferritkern geschlossen .....	Ferrite Bead .....	522-28128	
L102	Klappferrit rund 10mm schwarz .....	Ferrite Bead .....	522-31628	
L103	Ferritkern Ring R26x14,5x5,5 FE323 .....	Ferrite Bead .....	522-29824	
	<b>ALLGEM. MECHAN. TEILE</b>	<b>COMMON MECHANICAL PARTS</b>		
H1510	Bolzen UNC HFS-4S-B1WM FA. JST .....	Bolt .....	579-28072	

# Basic Board RPTV

88633.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SPULEN/LAUTSPRECHER</b>	<b>COILS,SPEAKERS</b>		
L101	Relay 5V 75R 10A 1-pol. ....	Relay .....	387-29278	050
T101	Trafo Standby .....	Power Transformer .....	490-30875	050
T336	Dr. PFC 269uH .....	Choke .....	298-31564	050
T531	Trafo SMT E42/15S .....	Power Transformer .....	490-31563	050
	<b>ALLGEM. MECHAN. TEILE</b>	<b>COMMON MECHANICAL PARTS</b>		
H511	Sicherungshalter für SI 5x20 .....	Fuseholder Spring .....	730-20061	050
H512	Sicherungshalter für SI 5x20 .....	Fuseholder Spring .....	730-20061	050
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I123	IC-VR 2V5-24V .....	Integrated Circuit .....	350-31490	050
I131	VIPER12# SO8 CHARGE .....	Integrated Circuit .....	350-29281	050
I306	MC33262 SO-8 ONSEMI .....	Integrated Circuit .....	350-31489	050
I551	ICMOS TDA16846 P-DSO-14-3 .....	Integrated Circuit .....	350-30893	050
I611	IC-VR 2V5-24V .....	Integrated Circuit .....	350-31490	050
I636	IC-VR 12V00 J 1A5 .....	Integrated Circuit .....	349-31637	050
I663	L 78S09CV geschnitten .....	Integrated Circuit .....	349-24013.Y18	050
I673	L 7808ACV TO220 vormontiert .....	Integrated Circuit .....	349-21780.Y18	050
I721	ICMOS LTC1778 SSOP16 .....	Integrated Circuit .....	350-30891	050
I751	ICMOS ST755 SO8 .....	Integrated Circuit .....	350-31267	050
I761	ICMOS M34063A SO008 .....	Integrated Circuit .....	350-28429	050
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W691	Buchsenl. 16-pol. 2-reihig gerade .....	Contact Ledge .....	326-31043	050
	<b>TRANSISTOREN</b>	<b>TRANSISTORS</b>		
10	20A 500V TO220FP POWMOS-NCH .....	Transistor .....	346-31643	050
10	POWMOS TO220FP NCH 800V 9A .....	Transistor .....	346-31651	050
Q338	20A 500V TO220FP POWMOS-NCH .....	Transistor .....	346-31643.Y27	050
Q536	POWMOS TO220FP NCH 800V 9A .....	Transistor .....	346-31651.Y27	050
	<b>DIODEN</b>	<b>DIODES</b>		
10	3A0 1000V DO27A UFAST-GP .....	Diode .....	352-22712	050
10	STTA506F TO220 .....	Diode .....	352-27866	050
10	10A0 200V ISOWATT220AC .....	Diode .....	352-28625	050
10	3A0 300V DO201AD UFAST-GP .....	Diode .....	352-29726	050
10	2x10A 100V TO220FBAB STPS20 .....	Diode .....	352-31559	050
D133	Gleichrichter DF 08 S .....	Rectifier .....	354-25837	050
D342	STTA506F TO220 .....	Diode .....	352-27866.Y18	050
D411	10A0 200V .....	Diode .....	352-28625.Y18	050
D416	10A0 200V .....	Diode .....	352-28625.Y18	050
D518	Gleichrichter FBI5L1M1 900V/5A .....	Rectifier .....	354-27910.Y34	050
D541	3A0 1000V DO27A UFAST-GP .....	Diode .....	352-22712.Y26	050
D621	10A0 200V .....	Diode .....	352-28625.Y18	050
D626	3A0 300V DO201AD UFAST-GP .....	Diode .....	352-29726.Y26	050
D651	2x10A 100V TO220FBAB STPS20 .....	Diode .....	352-31559.Y28	050
I122	Opto-Koppler DIP4 80V 50/80mA .....	Coupler .....	353-28638	050
I606	Opto-Koppler DIP4 80V 50/80mA .....	Coupler .....	353-28638	050
	<b>SICHERUNGEN</b>	<b>FUSES</b>		
F133	2500mA F 250V 8x8 .....	Fuse .....	380-30815.020	050
F411	3150mA F 250V 8x8 .....	Fuse .....	380-26219.020	050
F416	3150mA F 250V 8x8 .....	Fuse .....	380-26219.020	050
F511	3150mA T 250V 5x20 .....	Fuse .....	380-29649	050
F621	4000mA F 250V 8x8 .....	Fuse .....	380-31271.020	050
F626	3150mA F 250V 8x8 .....	Fuse .....	380-26219.020	050
F631	3150mA F 250V 8x8 .....	Fuse .....	380-26219.020	050

# Basic Board RPTV

88633.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>SICHERUNGEN</b>		<b>FUSES</b>		
F650	4000mA F 250V 8x8 .....	Fuse .....	380-31271.020	050
F651	4000mA F 250V 8x8 .....	Fuse .....	380-31271.020	050
F661	1000mA F 250V 8x8 .....	Fuse .....	380-31664.020	050
<b>KONDENSATOREN</b>		<b>CAPACITORS</b>		
C100	330P M 400VW .....	Capacitor .....	357-73804.Y01	050
C133	Elko 33U M 400V .....	Electrolytic Capacitor .....	360-30816	050
C339	390P J 2000V .....	Capacitor .....	359-28868	050
C343	390P J 2000V .....	Capacitor .....	359-28868	050
C411	1N K 1000V .....	Capacitor .....	357-21980.020	050
C416	1N K 1000V .....	Capacitor .....	357-21980.020	050
C501	330P M 400VW .....	Capacitor .....	357-73804.Y01	050
C511	470N M 310VW .....	Capacitor .....	359-29681	050
C512	470N M 310VW .....	Capacitor .....	359-29681	050
C514	470N M 310VW .....	Capacitor .....	359-29681	050
C516	470N M 310VW .....	Capacitor .....	359-29681	050
C517	470N M 310VW .....	Capacitor .....	359-29681	050
C518	470N M 275VW .....	Capacitor .....	359-28292	050
C526	Elko 330U M 450V .....	Electrolytic Capacitor .....	360-27891	050
C533	390P J 2000V .....	Capacitor .....	359-28868	050
C541	22N J 630V .....	Capacitor .....	359-26531	050
C582	1N K 1000V .....	Capacitor .....	357-21980.020	050
C600	KO-Y1 1N5 M .....	Capacitor .....	357-29161	050
C621	470P K 1000V .....	Capacitor .....	357-23994.020	050
C626	470P K 1000V .....	Capacitor .....	357-23994.020	050
C631	1N K 1000V .....	Capacitor .....	357-21980.020	050
<b>WIDERSTÄNDE</b>		<b>RESISTORS</b>		
10	820K J 2W 0309 PR02 .....	Resistor .....	367-31407	050
10	0R15 J 0411 .....	Resistor .....	368-27865	050
R133	2R2 K 4W0 24x05 .....	Resistor .....	368-31279	050
R301	0R15 5% 0411 .....	Resistor .....	368-27865.Y03	050
R302	0R15 5% 0411 .....	Resistor .....	368-27865.Y03	050
R517	820K J 2W 0309 PR02 .....	Resistor .....	367-31407.Y03	050
R518	Varistor 750V S .....	VDR Resistor .....	371-31296	050
R519	WIDNTC 2R5 M 7R5 Y-Type .....	NTC Resistor .....	370-31354	050
R541	39K J 3W .....	Resistor .....	367-22403	050
R600	10M J 0411 .....	Resistor .....	367-19664	050
<b>SMD TEILE</b>		<b>SMD PARTS</b>		
D106	1,0A 600V .....	Diode .....	351-20547	050
D121	1,0A 200V DO214AC FAST-GP .....	Diode .....	351-25539	050
D131	0A25 250V SOD-80 CLL 2003 .....	Diode .....	351-29925	050
D132	DIOZD 62V0 J 1W5 SMA CM5944B .....	Diode .....	351-31460	050
D304	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	050
D324	BAS316 SOD323 .....	Diode .....	351-27952	050
D536	BAS316 SOD323 .....	Diode .....	351-27952	050
D582	1,0A 200V DO214AC FAST-GP .....	Diode .....	351-29831	050
D631	5A0*2 150V D2PAK Schottky .....	Diode .....	351-31630	050
D641	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D642	BAS321 SOD323 .....	Diode .....	351-28873	050
D648	1,0A 200V DO214AC FAST-GP .....	Diode .....	351-25539	050
D649	1,0A 200V DO214AC FAST-GP .....	Diode .....	351-25539	050
D713	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	050

**Basic Board RPTV****88633.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D739	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	050
D742	3,0A 40V SOD6 Schottky .....	Diode .....	351-28529	050
D753	3,0A 40V SOD6 Schottky .....	Diode .....	351-28529	050
D763	3,0A 40V SOD6 Schottky .....	Diode .....	351-28529	050
Q111	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q116	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q741	FDS8936A SO8 6A 30V DUAL-N-CH .....	Transistor .....	344-30892	050

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
15	DIS-Modul kpl. S-Box RA/SA2550 .....	P.C.B .....	396-88804.050	055
U2502	Tuner-ZF M Multisystem MN/BG-DK .....	Tuner .....	260-87271.051	055
U2503	Tuner-ZF MPAS Multisyst. mit Ant.-Splitter .....	Tuner .....	260-87345.060	055
	<b>VERBINDUNGSLEITUNG</b>	<b>CONNECTING CABLES</b>		
50	Antennenkabel 240mm mit Winkelstecker .....	Connecting Cable .....	169-27470.001	055
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
10	Tuner-ZF MPAS kpl. ....	P.C.B .....	396-87222.060	055
I2051	ICMOS MSP3411 PQFP-80 SOUND .....	Integrated Circuit .....	350-29132	055
I2056	MC 78L08ACP TO92 .....	Integrated Circuit .....	349-24725.020	055
I2091	MC33079 SO14 .....	Integrated Circuit .....	350-28701	055
I2092	TEA6422D SO28 .....	Integrated Circuit .....	350-25732	055
I2151	ICMOS VPC3233D-C5 MQFP80 .....	Integrated Circuit .....	350-30823	055
I2161	ICMOS SAA4955HL LQFP44 .....	Integrated Circuit .....	350-28823	055
I2171	ICMOS SAA4955HL LQFP44 .....	Integrated Circuit .....	350-28823	055
I2192	ICMOS 74LVC08 SO14 AND .....	Integrated Circuit .....	350-27928	055
I2193	ICMOS 74LVC00A D SO14 .....	Integrated Circuit .....	350-28990	055
I2271	ICMOS VPC3233D-C5 MQFP80 .....	Integrated Circuit .....	350-30821	055
I2301	ICMOS 74LVC00A D SO14 .....	Integrated Circuit .....	350-28990	055
I2302	ICMOS LM1881 SO-8 SYNC SLICER .....	Integrated Circuit .....	350-31067	055
I2311	ICMOS SAA4979/108 QFP128 BESIC .....	Integrated Circuit .....	350-31405	055
I2318	IC-VR 3V30 0A30 SOT223 .....	Integrated Circuit .....	350-29462	055
I2411	IC-VR 1V8 0A8 DPAK .....	Integrated Circuit .....	350-31046	055
I2418	ICMOS 74 AC157 SO16 .....	Integrated Circuit .....	350-28896	055
I2421	ICMOS SAA4998 QFP100 FALCONIC EM .....	Integrated Circuit .....	350-31064	055
I2453	ICMOS 74AHCT1G32 SOT353 ODER .....	Integrated Circuit .....	350-30907	055
I2531	ICMOS HEF4053D SO16 .....	Integrated Circuit .....	350-24881	055
I2560	ICMOS PCF8574 SSOP20 .....	Integrated Circuit .....	350-28688	055
I2601	ICMOS DDP3315C 5V 3V3 PQFP-80 .....	Integrated Circuit .....	350-30966	055
I2602	IC-VR LF50CDT DPAK 5,0V .....	Integrated Circuit .....	350-29887	055
I2665	LT1675CGN SSOP16 RGB-MUX .....	Integrated Circuit .....	350-30906	055
I2701	LT1675CGN SSOP16 RGB-MUX .....	Integrated Circuit .....	350-30906	055
I2716	ICMOS 74HCT4052D SO16 .....	Integrated Circuit .....	350-29463	055
I2786	IC-VR 3V30 0A30 SOT223 .....	Integrated Circuit .....	350-29462	055
I2796	IC-VR 2V50 0A30 SOT223 .....	Integrated Circuit .....	350-29460	055
I2801	ICMOS SDA6000 MQFP128 TELTEX .....	Integrated Circuit .....	350-29127	055
I2841	SN74LS92D SO14 TTL .....	Integrated Circuit .....	350-28484	055
I2842	ICMOS 74HCT 00 SO14 .....	Integrated Circuit .....	350-15555	055
I2916	ICMOS 48LC4M# TSOP2 10ns SDRAM .....	Integrated Circuit .....	350-29137	055
I2921	ICMOS 29LV320D TSOP48 90ns FLASH .....	Integrated Circuit .....	350-29860	055

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I2931	ICMOS M24C64 SO8 EEPROM .....	Integrated Circuit .....	350-29894	055
I2941	ICRES 2V7 SOT23-5 .....	Integrated Circuit .....	350-30904	055
I2946	ICRES 2V7 SOT23-5 .....	Integrated Circuit .....	350-30904	055
I4500	TDA5637 SOT340 .....	Integrated Circuit .....	350-27278	055
I4600	TSA5523M SOT266 .....	Integrated Circuit .....	350-27275	055
I4800	TDA9818 TS-SSOP24 .....	Integrated Circuit .....	350-28463	055
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
11	Kurzschluß-Stecker .....	Plug .....	321-16821	055
H2936	IC-Fassung 8-pol. ....	Socket .....	320-80503	055
W2019	Kopfhörerbuchse 3,5mm horiz. ....	Socket .....	323-24591	055
W2473	EL-Connector 9-pol. ....	Socket .....	323-28380	055
W2691	Buchsenl. 16-pol. 2-reihig gerade .....	Contact Ledge .....	326-31043	055
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W2841	Kopfhörerbuchse 2,5mm .....	Socket .....	323-27389	055
W2842	Kopfhörerbuchse 3,5mm horiz. ....	Socket .....	323-24591	055
W2902	Connector 13-pol. 13JL-BT-L-H-C (JST) .....	Contact Ledge .....	326-19543	055
W2903	Connector 13-pol. 13JL-BT-L-H-C (JST) .....	Contact Ledge .....	326-19543	055
W2904	Connector 13-pol. 13JL-BT-L-H-C (JST) .....	Contact Ledge .....	326-19543	055
W2969	Mini-DIN-Buchse 8-pol. ....	Socket .....	323-18812	055
	<b>TRANSISTOREN</b>	<b>TRANSISTORS</b>		
Q2027	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2076	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2078	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2226	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2371	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2721	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2726	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2731	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2755	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2758	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2762	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2765	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2823	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2831	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2853	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2886	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2891	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2893	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2902	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2957	BC847BW SOT323 .....	Transistor .....	344-27272	055
	<b>DIODEN</b>	<b>DIODES</b>		
D4203	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	055
D4204	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	055
D4222	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	055
D4241	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	055
D4242	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	055
D4303	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	055
D4304	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	055
D4322	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	055
D4341	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	055
D4403	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	055
D4422	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	055
D4441	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	055
D4508	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	055



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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>DIODEN</b>		<b>DIODES</b>		
D4527	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	055
D4551	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	055
D4806	BAV 99W SOT323 .....	Diode .....	351-27469	055
<b>QUARZE/FILTER</b>		<b>QUARTZES</b>		
X2048	18,432000 MHz HC49U .....	Crystal Oscillator .....	385-25502	055
X2181	20,250000 MHz HC49U4H .....	Crystal Oscillator .....	385-30937	055
X2283	20,250000 MHz HC49U4H .....	Crystal Oscillator .....	385-30937	055
X2336	12,000000 MHz HC49U CL=12pF .....	Crystal Oscillator .....	385-29247	055
X2642	5,000000 MHz HC49U .....	Crystal Oscillator .....	385-30969	055
X2841	Piezo Filter 429,0 KHz .....	Ceramic Filter .....	386-18622	055
X2876	6,000000 MHz HC49U CL=20pF .....	Crystal Oscillator .....	385-29248	055
<b>WIDERSTÄNDE</b>		<b>RESISTORS</b>		
R2987	10R J 0207 0,25W WIDS1 .....	Resistor .....	366-20353	055
<b>SMD TEILE</b>		<b>SMD PARTS</b>		
D2002	BAS316 SOD323 .....	Diode .....	351-27952	055
D2003	BAS316 SOD323 .....	Diode .....	351-27952	055
D2020	BAS316 SOD323 .....	Diode .....	351-27952	055
D2033	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2293	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2501	DIOZD 30V J 0W25 SOD323 .....	Diode .....	351-31055	055
D2502	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2503	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2508	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2556	BAS316 SOD323 .....	Diode .....	351-27952	055
D2559	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2602	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2666	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2671	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2681	BAS316 SOD323 .....	Diode .....	351-27952	055
D2682	BAS316 SOD323 .....	Diode .....	351-27952	055
D2683	BAS316 SOD323 .....	Diode .....	351-27952	055
D2701	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2702	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2703	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2734	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2735	BAS316 SOD323 .....	Diode .....	351-27952	055
D2736	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2788	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2789	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2815	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2818	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2843	BAS316 SOD323 .....	Diode .....	351-27952	055
D2848	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2849	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2850	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2856	BAS316 SOD323 .....	Diode .....	351-27952	055
D2857	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2860	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D2863	BAS316 SOD323 .....	Diode .....	351-27952	055
D2882	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2883	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	055
D2884	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	055
D2885	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2887	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	055

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D2889	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	055
D2930	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2964	BAS316 SOD323 .....	Diode .....	351-27952	055
D2967	BAS316 SOD323 .....	Diode .....	351-27952	055
D2982	BAS316 SOD323 .....	Diode .....	351-27952	055
D2984	BAS316 SOD323 .....	Diode .....	351-27952	055
D2986	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	055
D2987	BAS316 SOD323 .....	Diode .....	351-27952	055
D2988	BAS316 SOD323 .....	Diode .....	351-27952	055
D2989	BAS316 SOD323 .....	Diode .....	351-27952	055
D4702	BA 592 SOD323 .....	Diode .....	351-25810	055
D4703	BA 592 SOD323 .....	Diode .....	351-25810	055
D4751	BA 592 SOD323 .....	Diode .....	351-25810	055
D4752	BA 592 SOD323 .....	Diode .....	351-25810	055
D4771	BA 592 SOD323 .....	Diode .....	351-25810	055
D4772	BA 592 SOD323 .....	Diode .....	351-25810	055
D4781	BA 592 SOD323 .....	Diode .....	351-25810	055
D4832	BA 592 SOD323 .....	Diode .....	351-25810	055
Q2001	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2002	BC807-25 SOT23 .....	Transistor .....	344-16064	055
Q2003	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2004	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2005	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2006	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2066	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2103	BCW66H .....	Transistor .....	344-26051	055
Q2114	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2117	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2122	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2123	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2128	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2129	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2130	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2131	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2132	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2133	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2148	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2149	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2150	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2181	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2182	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2191	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2192	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2193	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2340	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2387	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2388	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2389	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2478	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2537	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2541	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2546	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2551	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2556	BC857BW SOT323 .....	Transistor .....	344-28404	055



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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
Q2566	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2571	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2630	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2631	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2641	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2642	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2651	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2652	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2683	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2701	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2736	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2741	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2746	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2752	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2768	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2772	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2775	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2778	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2791	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2793	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2841	BC807-25 SOT23 .....	Transistor .....	344-16064	055
Q2862	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2883	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2888	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2943	BC847BW SOT323 .....	Transistor .....	344-27272	055
Q2954	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2971	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	055
Q2972	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q2973	BSV52 SOT23 .....	Transistor .....	344-16207	055
Q2974	BC807-25 SOT23 .....	Transistor .....	344-16064	055
Q2976	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q4127	BFR93AW SOT323 .....	Transistor .....	344-29926	055
Q4137	BFR93AW SOT323 .....	Transistor .....	344-29926	055
Q4147	BFR93AW SOT323 .....	Transistor .....	344-29926	055
Q4210	BF1009SW SOT323 .....	Transistor .....	344-28301	055
Q4310	BF1009SW SOT323 .....	Transistor .....	344-28301	055
Q4410	BF1009SW SOT323 .....	Transistor .....	344-28301	055
Q4702	Digital SOT323 NPN 50V 70MA 47K+ .....	Transistor .....	344-27270	055
Q4709	Digital SOT323 NPN 50V 70MA 47K+ .....	Transistor .....	344-27270	055
Q4752	Digital SOT323 NPN 50V 100MA 47K .....	Transistor .....	344-28555	055
Q4754	Digital SOT323 NPN 50V 70MA 47K+ .....	Transistor .....	344-27270	055
Q4772	Digital SOT323 NPN 50V 100MA 47K .....	Transistor .....	344-28555	055
Q4774	Digital SOT323 NPN 50V 70MA 47K+ .....	Transistor .....	344-27270	055
Q4804	BC857BW SOT323 .....	Transistor .....	344-28404	055
Q4832	BCR198W SOT323 PNP .....	Transistor .....	344-27269	055
Q4833	BC847BW SOT323 .....	Transistor .....	344-27272	055
R2441	Wid.-Array 10Rx4 1608x4 .....	Resistor .....	374-29922	055
R2442	Wid.-Array 10Rx4 1608x4 .....	Resistor .....	374-29922	055

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
15	DIS-Modul kpl. S-Box RA/SA2550 .....	P.C.B .....	396-88804.050	065
U2502	574 Tuner-ZF US .....	Tuner .....	260-87346.050	065
U2503	Tuner-ZF USP99 .....	Tuner .....	260-87507.051	065
	<b>VERBINDUNGSLEITUNG</b>	<b>CONNECTING CABLES</b>		
50	Antennenkabel 240mm mit Winkelstecker .....	Connecting Cable .....	169-27470.001	065
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I2051	ICMOS MSP3440G PQFP-80 SOUND .....	Integrated Circuit .....	350-31284	065
I2056	MC 78L08ACP TO92 .....	Integrated Circuit .....	349-24725.020	065
I2091	MC33079 SO14 .....	Integrated Circuit .....	350-28701	065
I2092	TEA6422D SO28 .....	Integrated Circuit .....	350-25732	065
I2120	ICMOS Z 86130 SOIC18 .....	Integrated Circuit .....	350-28372	065
I2151	ICMOS VPC3230D-C5 MQFP80 .....	Integrated Circuit .....	350-30821	065
I2161	ICMOS SAA4955HL LQFP44 .....	Integrated Circuit .....	350-28823	065
I2171	ICMOS SAA4955HL LQFP44 .....	Integrated Circuit .....	350-28823	065
I2192	ICMOS 74LVC08 SO14 AND .....	Integrated Circuit .....	350-27928	065
I2193	ICMOS 74LVC00A D SO14 .....	Integrated Circuit .....	350-28990	065
I2271	ICMOS VPC3230D-C5 MQFP80 .....	Integrated Circuit .....	350-30821	065
I2301	ICMOS 74LVC00A D SO14 .....	Integrated Circuit .....	350-28990	065
I2302	ICMOS LM1881 SO-8 SYNC SLICER .....	Integrated Circuit .....	350-31067	065
I2311	ICMOS SAA4979/108 QFP128 BESIC .....	Integrated Circuit .....	350-31405	065
I2318	IC-VR 3V30 0A30 SOT223 .....	Integrated Circuit .....	350-29462	065
I2411	IC-VR 1V8 0A8 DDPK .....	Integrated Circuit .....	350-31046	065
I2418	ICMOS 74 AC157 SO16 .....	Integrated Circuit .....	350-28896	065
I2421	ICMOS SAA4998 QFP100 FALCONIC EM .....	Integrated Circuit .....	350-31064	065
I2453	ICMOS 74AHCT1G32 SOT353 ODER .....	Integrated Circuit .....	350-30907	065
I2531	ICMOS HEF4053D SO16 .....	Integrated Circuit .....	350-24881	065
I2560	ICMOS PCF8574 SSOP20 .....	Integrated Circuit .....	350-28688	065
I2601	ICMOS DDP3315C 5V 3V3 PQFP-80 .....	Integrated Circuit .....	350-30966	065
I2602	IC-VR LF50CDT DPAK 5,0V .....	Integrated Circuit .....	350-29887	065
I2665	LT1675CGN SSOP16 RGB-MUX .....	Integrated Circuit .....	350-30906	065
I2701	LT1675CGN SSOP16 RGB-MUX .....	Integrated Circuit .....	350-30906	065
I2786	IC-VR 3V30 0A30 SOT223 .....	Integrated Circuit .....	350-29462	065
I2796	IC-VR 2V50 0A30 SOT223 .....	Integrated Circuit .....	350-29460	065
I2801	ICMOS SDA6000 MQFP128 TELTEX .....	Integrated Circuit .....	350-29127	065
I2841	SN74LS92D SO14 TTL .....	Integrated Circuit .....	350-28484	065
I2842	ICMOS 74HCT 00 SO14 .....	Integrated Circuit .....	350-15555	065
I2916	ICMOS 48LC4M# TSOP2 10ns SDRAM .....	Integrated Circuit .....	350-29137	065
I2921	ICMOS 29LV320D TSOP48 90ns FLASH .....	Integrated Circuit .....	350-29860	065
I2931	ICMOS M24C64 SO8 EEPROM .....	Integrated Circuit .....	350-29894	065
I2941	ICRES 2V7 SOT23-5 .....	Integrated Circuit .....	350-30904	065
I2946	ICRES 2V7 SOT23-5 .....	Integrated Circuit .....	350-30904	065
I4500	TDA5637 SOT340 .....	Integrated Circuit .....	350-27278	065
I4600	TSA5523M SOT266 .....	Integrated Circuit .....	350-27275	065
I4800	TDA9817 TS-SSOP24 .....	Integrated Circuit .....	350-28929	065
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
11	Kurzschluß-Stecker .....	Plug .....	321-16821	065
H2936	IC-Fassung 8-pol. ....	Socket .....	320-80503	065
W2019	Kopfhörerbuchse 3,5mm horiz. ....	Socket .....	323-24591	065
W2473	EL-Connector 9-pol. ....	Socket .....	323-28380	065
W2691	Buchsenleiste 16-pol. 2-reihig gerade .....	Contact Ledge .....	326-31043	065
W2842	Kopfhörerbuchse 3,5mm horiz. ....	Socket .....	323-24591	065

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>BUCHSEN/FASSUNGEN</b>		<b>SOCKETS</b>		
W2902	Connector 13-pol. 13JL-BT-L-H-C (JST) .....	Contact Ledge .....	326-19543	065
W2903	Connector 13-pol. 13JL-BT-L-H-C (JST) .....	Contact Ledge .....	326-19543	065
W2904	Connector 13-pol. 13JL-BT-L-H-C (JST) .....	Contact Ledge .....	326-19543	065
W2969	Mini-DIN-Buchse 8-pol. ....	Socket .....	323-18812	065
<b>TRANSISTOREN</b>		<b>TRANSISTORS</b>		
Q2027	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2076	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2078	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2371	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2726	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2762	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2823	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2831	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2853	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2886	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2891	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2893	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2902	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2957	BC847BW SOT323 .....	Transistor .....	344-27272	065
<b>DIODEN</b>		<b>DIODES</b>		
D4203	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	065
D4204	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	065
D4222	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	065
D4241	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	065
D4242	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	065
D4303	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	065
D4304	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	065
D4322	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	065
D4341	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	065
D4403	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	065
D4422	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	065
D4441	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	065
D4508	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	065
D4527	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	065
D4551	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	065
D4806	BAV 99W SOT323 .....	Diode .....	351-27469	065
<b>QUARZE/FILTER</b>		<b>QUARTZES</b>		
X2048	18,432000 MHz HC49U .....	Crystal Oscillator .....	385-25502	065
X2120	32,768000 KHz .....	Crystal Oscillator .....	385-24962	065
X2181	20,250000 MHz HC49U4H .....	Crystal Oscillator .....	385-30937	065
X2283	20,250000 MHz HC49U4H .....	Crystal Oscillator .....	385-30937	065
X2336	12,000000 MHz HC49U CL=12pF .....	Crystal Oscillator .....	385-29247	065
X2642	5,000000 MHz HC49U .....	Crystal Oscillator .....	385-30969	065
X2841	Piezo Filter 429,0 KHz .....	Ceramic Filter .....	386-18622	065
X2876	6,000000 MHz HC49U CL=20pF .....	Crystal Oscillator .....	385-29248	065
X4831	Piezo Filter 4,5 MHz .....	Ceramic Filter .....	386-27305.020	065
<b>WIDERSTÄNDE</b>		<b>RESISTORS</b>		
R2987	10R J 0207 0,25W WIDSI .....	Resistor .....	366-20353	065
<b>SMD TEILE</b>		<b>SMD PARTS</b>		
D2002	BAS316 SOD323 .....	Diode .....	351-27952	065
D2003	BAS316 SOD323 .....	Diode .....	351-27952	065
D2020	BAS316 SOD323 .....	Diode .....	351-27952	065
D2033	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2293	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D2501	DIOZD 30V J 0W25 SOD323 .....	Diode .....	351-31055	065
D2502	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2503	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2508	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2556	BAS316 SOD323 .....	Diode .....	351-27952	065
D2559	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2602	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2666	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2671	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2681	BAS316 SOD323 .....	Diode .....	351-27952	065
D2682	BAS316 SOD323 .....	Diode .....	351-27952	065
D2683	BAS316 SOD323 .....	Diode .....	351-27952	065
D2701	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2702	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2703	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2734	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2735	BAS316 SOD323 .....	Diode .....	351-27952	065
D2736	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2788	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2789	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2815	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2818	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2843	BAS316 SOD323 .....	Diode .....	351-27952	065
D2848	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2849	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2850	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2856	BAS316 SOD323 .....	Diode .....	351-27952	065
D2857	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2860	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D2863	BAS316 SOD323 .....	Diode .....	351-27952	065
D2882	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2883	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	065
D2884	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	065
D2885	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2887	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	065
D2889	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	065
D2930	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2964	BAS316 SOD323 .....	Diode .....	351-27952	065
D2967	BAS316 SOD323 .....	Diode .....	351-27952	065
D2982	BAS316 SOD323 .....	Diode .....	351-27952	065
D2984	BAS316 SOD323 .....	Diode .....	351-27952	065
D2986	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	065
D2987	BAS316 SOD323 .....	Diode .....	351-27952	065
D2988	BAS316 SOD323 .....	Diode .....	351-27952	065
D2989	BAS316 SOD323 .....	Diode .....	351-27952	065
Q2001	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2002	BC807-25 SOT23 .....	Transistor .....	344-16064	065
Q2003	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2004	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2005	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2006	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2066	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2103	BCW66H .....	Transistor .....	344-26051	065
Q2114	BC847BW SOT323 .....	Transistor .....	344-27272	065

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Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
Q2117	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2120	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2121	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2122	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2123	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2128	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2129	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2130	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2148	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2149	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2150	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2173	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2181	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2182	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2191	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2192	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2193	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2203	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2204	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2205	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2206	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2207	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2208	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2340	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2478	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2537	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2541	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2546	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2551	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2556	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2566	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2571	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2630	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2631	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2641	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2642	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2651	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2652	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2683	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2701	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2736	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2746	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2752	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2772	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2775	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2778	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2791	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2793	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2841	BC807-25 SOT23 .....	Transistor .....	344-16064	065
Q2862	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2883	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2888	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2943	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q2954	BC857BW SOT323 .....	Transistor .....	344-28404	065

**Signal Board****88557.065**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
Q2971	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	065
Q2972	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2973	BSV52 SOT23 .....	Transistor .....	344-16207	065
Q2974	BC807-25 SOT23 .....	Transistor .....	344-16064	065
Q2976	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q2993	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q4127	BFR93AW SOT323 .....	Transistor .....	344-29926	065
Q4137	BFR93AW SOT323 .....	Transistor .....	344-29926	065
Q4147	BFR93AW SOT323 .....	Transistor .....	344-29926	065
Q4210	BF1009SW SOT323 .....	Transistor .....	344-28301	065
Q4310	BF1009SW SOT323 .....	Transistor .....	344-28301	065
Q4410	BF1009SW SOT323 .....	Transistor .....	344-28301	065
R2441	Wid.-Array 10Rx4 1608x4 .....	Resistor .....	374-29922	065
R2442	Wid.-Array 10Rx4 1608x4 .....	Resistor .....	374-29922	065

**Optische Bildröhre vormont.****88748.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
U 10	optische Bildröhre .....	Picture Tube .....	345-31093.001	050
U 20	DVI-Extension kpl. R2550/RA2550 .....	P.C.B .....	396-88682.050	050
U 40	SIM2 HD2-Kit .....	Scaffolding Access. ....	291-31181	050
U 42	SIM2 HD2-Interposer-Kit .....	Socket .....	320-31508	050

**optische Bildröhre****31093.001**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
U 10	Lampe 120W ARTICOS 55 .....	Incandescent Lamp .....	383-31182	001

**Vorschaltgerät****Power Supply****31153.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
U 10	Elektronisches Vorschaltgerät 120W .....	Scaffolding Access. ....	291-31153	050
	<b>KONDENSATOREN</b>	<b>CAPACITORS</b>		
20	Elko 22U M 450V .....	Electrolytic Capacitor .....	360-31777	050
30	470P K 1000V .....	Capacitor .....	357-23994.020	050

**Frequenzweiche****Cross-over network****85729.078**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SPEZIALTEILE</b>	<b>SPECIAL PARTS</b>		
N05	Kabelbaum 3/2-pol. 200 lg. UL nat. ....	Connecting Cable .....	171-88432.059	078
W01	Stiftw. vert. 3-p. nat. 2R50 EH .....	Contact Ledge .....	326-28095	078



# Rear Board

Art.-Nr. 88558.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I3011	TEA6422D SO28 .....	Integrated Circuit .....	350-25732	050
I3021	TEA6420D SO28 .....	Integrated Circuit .....	350-28564	050
I3041	ICMOS HEF4053D SO16 .....	Integrated Circuit .....	350-24881	050
I3051	TEA6415 SO20L .....	Integrated Circuit .....	350-25733	050
I3061	TEA6415 SO20L .....	Integrated Circuit .....	350-25733	050
I3071	ICMOS HEF4053D SO16 .....	Integrated Circuit .....	350-24881	050
I3951	ICMOS HEF4053D SO16 .....	Integrated Circuit .....	350-24881	050
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
11	Kurzschluß-Stecker RM2,5 .....	Plug .....	321-16821	050
W3047	Cinchbuchse 2-fach rot/weiß .....	Socket .....	323-31028	050
W3101	SCART-Buchse .....	Socket .....	323-19542	050
W3201	SCART-Buchse .....	Socket .....	323-19542	050
W3301	SCART-Buchse .....	Socket .....	323-19542	050
W3335	Cinchbuchse 2-fach rot/weiß .....	Socket .....	323-31028	050
W3911	Cinchbuchse 3-fach schwarz .....	Socket .....	323-31091	050
W3927	Cinchbuchse 2-fach rot/weiß .....	Socket .....	323-31028	050
W3954	Composit JACKB. 3ST.YKC21-5699 .....	Socket .....	323-28085	050
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D3172	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6 .....	Diode .....	351-16758	050
D3272	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6 .....	Diode .....	351-16758	050
D3372	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6 .....	Diode .....	351-16758	050
Q3042	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3076	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3078	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3082	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3084	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3093	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3152	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3172	BC817-25W SOT323 .....	Transistor .....	344-28405	050
Q3176	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3181	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3272	BC817-25W SOT323 .....	Transistor .....	344-28405	050
Q3276	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3281	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3312	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3322	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3331	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3333	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3336	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3338	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3341	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3368	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3372	BC817-25W SOT323 .....	Transistor .....	344-28405	050
Q3376	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3381	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3398	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3852	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3857	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3874	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3884	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3897	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3951	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3973	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q3976	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q3983	BC847BW SOT323 .....	Transistor .....	344-27272	050

# Rear Board US

Art.-Nr. 88681.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
11	Audio-Erweiterung kpl. SA2550/RA2550 .....	P.C.B .....	396-88698.050	050
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I111	ICMOS Video-Schalter DMP8 .....	Integrated Circuit .....	350-28875	050
I131	ICMOS Video-Schalter DMP8 .....	Integrated Circuit .....	350-28875	050
I151	ICMOS Video-Schalter DMP8 .....	Integrated Circuit .....	350-28875	050
I201	TEA6422D SO28 .....	Integrated Circuit .....	350-25732	050
I301	TEA6415 SO20L .....	Integrated Circuit .....	350-25733	050
I401	TEA6415 SO20L .....	Integrated Circuit .....	350-25733	050
I501	ICMOS FMS6418A SO16 .....	Integrated Circuit .....	350-31255	050
I591	IC-VR 3V30 0A30 SOT223 .....	Integrated Circuit .....	350-29462	050
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W161	Cinch-Buchse 2-fach rot/weiß .....	Socket .....	323-31028	050
W181	Cinch-Buchse 2-fach rot/weiß .....	Socket .....	323-31028	050
W251	Cinch-Buchse 3-fach weiß/rot/schwarz .....	Socket .....	323-31240	050
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D511	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D521	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D531	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D541	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D551	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D561	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D651	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D661	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D671	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
Q254	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q256	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q259	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q264	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q266	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q273	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q322	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q332	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q342	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q352	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q437	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q452	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q462	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q472	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q477	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q512	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q522	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q532	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q542	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q552	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q562	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q572	BF799LK .....	Transistor .....	344-17798	050
Q582	BF799LK .....	Transistor .....	344-17798	050
Q592	BF799LK .....	Transistor .....	344-17798	050
Q654	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q664	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q674	BC847BW SOT323 .....	Transistor .....	344-27272	050



## Rear Board US

Art.-Nr. 88681.050

Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	<b>ALLGEM. MECHAN. TEILE</b>	<b>COMMON MECHANICAL PARTS</b>		
H206	Halter/Diode	Holder	602-27977	051
H207	Halter/Diode	Holder	602-27977	051
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I016	IR-Empfänger vormontiert	Coupler	353-28926.050	051
	<b>TRANSISTOREN</b>	<b>TRANSISTORS</b>		
Q002	BC847B SOT23	Transistor	344-14974	051
	<b>DIODEN</b>	<b>DIODES</b>		
D201	ZD 5V6 SOD80 ZMM C ITT	Diode	351-16758	051
D202	ZD 5V6 SOD80 ZMM C ITT	Diode	351-16758	051
D204	ZD 5V6 SOD80 ZMM C ITT	Diode	351-16758	051
D205	ZD 5V6 SOD80 ZMM C ITT	Diode	351-16758	051
D206	LED LR 3369-H rot	Coupler	353-22140.Y20	051
D207	LED LG 3369-H grün	Coupler	353-22141.Y20	051

## Scaler Board

88882.050-065

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I1100	ICMOS K4D263238 TQFP100 DDR-SDRAM .....	Integrated Circuit .....	350-30843	
I1101	82B715 SO8 BUS-Buffer-I2C .....	Integrated Circuit .....	350-31241	
I1102	ST24FC21 M 1 SO8 .....	Integrated Circuit .....	350-28485	
I1103	IC-VR LM1117MPX-ADJ 0A80 SOT223 .....	Integrated Circuit .....	350-29912	
I1104	IC-VR 2V50 1A50 DD-PAK LT1963 .....	Integrated Circuit .....	350-30827	
I1105	IC-VR 2V50 1A50 DD-PAK LT1963 .....	Integrated Circuit .....	350-30827	
I1106	IC-VR LM1117MPX-ADJ 0A80 SOT223 .....	Integrated Circuit .....	350-29912	
I1107	LT1675CGN SSOP16 RGB-MUX .....	Integrated Circuit .....	350-30906	
I1108	ICMOS SII170 TQFP64 3V3 TRANS.HDCP .....	Integrated Circuit .....	350-31229	060
I1109	ST24FC21 M 1 SO8 .....	Integrated Circuit .....	350-28485	060
I1110	ICMOS 74LVC1G04 SOT353 Inverter .....	Integrated Circuit .....	350-30912	
I1111	ICMOS 74 AC157 SO16 .....	Integrated Circuit .....	350-28896	
I1112	IC-VR LM1117MPX-ADJ 0A80 SOT223 .....	Integrated Circuit .....	350-29912	
I1114	ICMOS 24256 SO-8 EEPROM 256K I2C .....	Integrated Circuit .....	350-31206	
I1115	IC-VR LF33CDT DPAK 3,3V .....	Integrated Circuit .....	350-29472	
I1116	IC-VR 2V50 0A50 SOT223 .....	Integrated Circuit .....	350-29461	
I1341	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	060
I1351	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	060
I1401	82B715 SO8 BUS-Buffer-I2C .....	Integrated Circuit .....	350-31241	060
I1508	ICMOS SII170 TQFP64 3V3 TRANS.HDCP .....	Integrated Circuit .....	350-31229	050
I1508	ICMOS SII170 TQFP64 3V3 TRANS.HDCP .....	Integrated Circuit .....	350-31229	055
I1508	ICMOS SII170 TQFP64 3V3 TRANS.HDCP .....	Integrated Circuit .....	350-31229	065
I1541	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	050
I1541	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	055
I1541	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	065
I1551	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	050
I1551	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	055
I1551	IC-VR 3V30 G 0A15 SOT23-5 ZXCL3# .....	Integrated Circuit .....	350-30710	065
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W110	Buchse D-SUB 44-pol. ....	Socket .....	323-30983	060
W1101	Systembuchse DVI 900 .....	Socket .....	323-29455	
W1103	Subminiatur-Buchse 15-pol. ....	Socket .....	323-28415	060
W1510	Systembuchse DVI 900 .....	Socket .....	323-29455	050
W1510	Systembuchse DVI 900 .....	Socket .....	323-29455	055
W1510	Systembuchse DVI 900 .....	Socket .....	323-29455	065
	<b>QUARZE/FILTER</b>	<b>QUARTZES</b>		
X1100	Q-Osz. 25,000000 MHz SMO7X5MM 3V3 .....	Crystal Oscillator .....	385-30841	
	<b>WIDERSTÄNDE</b>	<b>RESISTORS</b>		
R1102	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	
R1103	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	
R1108	Wid.-Array 4x51R J 4x0603 .....	Resistor .....	374-30935	
R1110	Wid.-Array 4x51R J 4x0603 .....	Resistor .....	374-30935	
R1115	Wid.-Array 4x51R J 4x0603 .....	Resistor .....	374-30935	
R1117	Wid.-Array 4x51R J 4x0603 .....	Resistor .....	374-30935	
R1120	Wid.-Array 4x51R J 4x0603 .....	Resistor .....	374-30935	
R1121	Wid.-Array 4x51R J 4x0603 .....	Resistor .....	374-30935	
R1122	Wid.-Array 4x51R J 4x0603 .....	Resistor .....	374-30935	
R1216	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1220	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1226	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1231	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1236	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1238	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R1238	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	055

# Scaler Board

88882.050-065

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>WIDERSTÄNDE</b>		<b>RESISTORS</b>		
R1238	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	065
R1240	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1242	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1243	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R1243	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	055
R1243	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	065
R1247	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1248	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R1248	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	055
R1248	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	065
R1252	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R1252	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	055
R1252	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	065
R1255	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1256	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1259	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1260	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1261	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1262	Wid.-Array 4x24R J 4x0603 .....	Resistor .....	374-30934	
R1263	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R1263	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	055
R1263	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	065
R1264	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R1264	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	055
R1264	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	065
R1265	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	
R1266	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	
R1438	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	060
R1443	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	060
R1448	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	060
R1452	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	060
R1463	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	060
R1464	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	060
<b>SMD TEILE</b>		<b>SMD PARTS</b>		
D1100	BAS316 SOD323 .....	Diode .....	351-27952	
D1101	BAS316 SOD323 .....	Diode .....	351-27952	
D1103	DIOZD 12V0 J 0W25 SOD323 .....	Diode .....	351-31128	
D1104	DIOZD 12V0 J 0W25 SOD323 .....	Diode .....	351-31128	
D1106	BAS316 SOD323 .....	Diode .....	351-27952	060
D1108	BAV 99W SOT323 .....	Diode .....	351-27469	
D1110	BAV 99W SOT323 .....	Diode .....	351-27469	050
D1111	BAV 99W SOT323 .....	Diode .....	351-27469	
D1112	BAS316 SOD323 .....	Diode .....	351-27952	060
D1113	BAV 99W SOT323 .....	Diode .....	351-27469	
D1114	BAV 99W SOT323 .....	Diode .....	351-27469	
D1116	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	
D1118	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	
D1119	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	
D1120	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	
D1121	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	
D1122	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	
D1123	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	
D1124	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	
D1126	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	050

## Scaler Board

88882.050-065

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
<b>SMD TEILE</b>		<b>SMD PARTS</b>		
D1126	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	055
D1126	0A5 20V SOD123 Schottky .....	Diode .....	351-30905	065
D1310	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	050
D1310	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	055
D1310	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	065
D1311	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	050
D1311	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	055
D1311	DIOZD 6V2 J 0W25 SOD323 .....	Diode .....	351-31062	065
D1361	ESD-Suppressor 0603 .....	Diode .....	351-31275	
D1362	ESD-Suppressor 0603 .....	Diode .....	351-31275	
D1363	ESD-Suppressor 0603 .....	Diode .....	351-31275	
D1364	ESD-Suppressor 0603 .....	Diode .....	351-31275	
D1365	ESD-Suppressor 0603 .....	Diode .....	351-31275	
D1366	ESD-Suppressor 0603 .....	Diode .....	351-31275	
D1367	ESD-Suppressor 0603 .....	Diode .....	351-31275	
D1368	ESD-Suppressor 0603 .....	Diode .....	351-31275	
I1113	ICMOS SAA6714V1C SOT553-1 TFT-CONTR. ....	Diode .....	351-31468	
Q1100	BC847BW SOT323 .....	Transistor .....	344-27272	
Q1101	BC847BW SOT323 .....	Transistor .....	344-27272	
Q1102	BC847BW SOT323 .....	Transistor .....	344-27272	
Q1103	BC847BW SOT323 .....	Transistor .....	344-27272	
Q1104	BC847BW SOT323 .....	Transistor .....	344-27272	
Q1107	BC847BW SOT323 .....	Transistor .....	344-27272	060
Q1108	BC847BW SOT323 .....	Transistor .....	344-27272	
Q1291	BC847BW SOT323 .....	Transistor .....	344-27272	

## Tuner / ZF

## Tuner / IF

Art.-Nr. 87271.051

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var.	Var.
<b>INTEGR. SCHALTUNGEN</b>		<b>INTEGRATED CIRCUITS</b>		
I4500	TDA5637 SOT340 .....	Integrated Circuit .....	350-27278	051
I4600	TSA5523M SOT266 .....	Integrated Circuit .....	350-27275	051
I4800	TDA9818 TS-SSOP24 .....	Integrated Circuit .....	350-28463	051
<b>DIODEN</b>		<b>DIODES</b>		
D4203	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	051
D4204	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	051
D4222	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	051
D4241	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	051
D4242	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	051
D4303	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	051
D4304	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	051
D4322	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	051
D4341	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	051
D4403	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	051
D4422	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	051
D4441	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	051
D4508	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	051
D4527	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	051
D4551	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	051
D4806	BAV 99W SOT323 .....	Diode .....	351-27469	051

Tuner / ZF		Tuner / IF	Art.-Nr. 87271.051		
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var.	Var.	
	<b>SMD TEILE</b>	<b>SMD PARTS</b>			
D4702	BA 592 SOD323 .....	Diode .....	351-25810	051	
D4703	BA 592 SOD323 .....	Diode .....	351-25810	051	
D4751	BA 592 SOD323 .....	Diode .....	351-25810	051	
D4752	BA 592 SOD323 .....	Diode .....	351-25810	051	
D4771	BA 592 SOD323 .....	Diode .....	351-25810	051	
D4772	BA 592 SOD323 .....	Diode .....	351-25810	051	
D4781	BA 592 SOD323 .....	Diode .....	351-25810	051	
D4832	BA 592 SOD323 .....	Diode .....	351-25810	051	
Q4702	Digital SOT323 NPN 50V 70mA 47K .....	Transistor .....	344-27270	051	
Q4709	Digital SOT323 NPN 50V 70mA 47K .....	Transistor .....	344-27270	051	
Q4752	Digital SOT323 NPN 50V 100mA 47K .....	Transistor .....	344-28555	051	
Q4754	Digital SOT323 NPN 50V 70mA 47K .....	Transistor .....	344-27270	051	
Q4772	Digital SOT323 NPN 50V 100mA 47K .....	Transistor .....	344-28555	051	
Q4774	Digital SOT323 NPN 50V 70mA 47K .....	Transistor .....	344-27270	051	
Q4804	BC857BW SOT323 .....	Transistor .....	344-28404	051	
Q4832	BCR198W SOT323 PNP .....	Transistor .....	344-27269	051	
Q4833	BC847BW SOT323 .....	Transistor .....	344-27272	051	

Tuner / ZF		Tuner / IF	Art.-Nr. 87345.060		
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var.	
	<b>SPULEN</b>	<b>COILS,</b>			
L231	Spule .....	Coil .....	297-27569.001	060	
L232	Spule .....	Coil .....	297-27569.001	060	
L233	Spule .....	Coil .....	297-27561.001	060	
L301	Spule .....	Coil .....	297-27566.001	060	
L311	Luftspule .....	Coil .....	297-27571	060	
L331	Spule .....	Coil .....	297-27561.001	060	
L332	Spule .....	Coil .....	297-27683.001	060	
L351	Spule .....	Coil .....	297-27563.001	060	
L352	Spule .....	Coil .....	297-27563.001	060	
L401	Spule .....	Coil .....	297-27562.001	060	
L411	Spule .....	Coil .....	297-27568.001	060	
L422	Spule .....	Coil .....	297-27559.001	060	
L431	Spule .....	Coil .....	297-27546.001	060	
L432	Spule .....	Coil .....	297-27683.001	060	
L451	Spule .....	Coil .....	297-27682.001	060	
L452	Spule .....	Coil .....	297-27682.001	060	
L503	Spule .....	Coil .....	297-27564.001	060	
L523	Spule .....	Coil .....	297-27552.001	060	
L543	Spule .....	Coil .....	297-27548.001	060	
L546	Spule .....	Coil .....	297-27559.001	060	
L701	Dr. 0U68 K 0305RA-R68K TDK .....	Choke .....	298-27591.020	060	
L816	Spule .....	Coil .....	297-27743	060	
L831	Dr. 6U8 J EL0305RA-6R8J TDK .....	Choke .....	298-27588.020	060	
P821	Potentiometer 10K 6mm Kohleschicht hor. ....	Potentiometer .....	375-27744	060	
Q210	Transistor BF1100WR SOT343 .....	Transistor .....	344-27268	060	
Q310	Transistor BF1100WR SOT343 .....	Transistor .....	344-27268	060	
Q410	Transistor BF1100WR SOT343 .....	Transistor .....	344-27268	060	
Q836	Transistor BC847B SOT23 .....	Transistor .....	344-14974	060	
Q853	Transistor BC847BW SOT323 .....	Transistor .....	344-27272	060	

Tuner / ZF		Tuner / IF	Art.-Nr. 87345.060	
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
W100	Koax-Buchse .....	Socket .....	323-27599	060
W200	Kontaktleiste 6-pol. STLIN-1470ATT-006/11 .....	Contact Ledge .....	326-27320.016	060
W800	Kontaktleiste 5-pol. STLIN-1470ATT-005/9 .....	Contact Ledge .....	326-27320.015	060
X751	Filter OFW K 9463-M .....	Filter .....	290-25323.Y20	060
X771	Filter OFW K 9461-M .....	Filter .....	290-25216.Y20	060
X831	Piezo Filter .....	Ceramic Filter .....	386-27630.020	060
X832	Piezo Filter 4,5 MHz .....	Ceramic Filter .....	386-27305.020	060

Tuner/ZF		Tuner/IF	Art.-Nr. 87507.051	
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
<b>VERBINDUNGSLEITUNG</b>		<b>CONNECTING CABLES</b>		
50	Antennenkabel 2.4m mit Winkelstecker .....	Connecting Cable .....	169-27470001	051
<b>INTEGR.SCHALTUNGEN</b>		<b>INTEGRATED CIRCUITS</b>		
I4500	IC TDA5637 SOT340 .....	Integrated Circuit .....	350-27278	051
I4600	IC TSA5523M SOT266 .....	Integrated Circuit .....	350-27275	051
I4800	IC TDA9817 SDIP24 .....	Integrated Circuit .....	349-27337	051
I4800	IC TDA9817 TS-SSOP24 .....	Integrated Circuit .....	350-28929	051
<b>DIODEN</b>		<b>DIODES</b>		
D4203	BB 640 SOD323 .....	Diode .....	351-26568	051
D4204	BB 535 SOD323 .....	Diode .....	351-26570	051
D4222	BB 640 SOD323 .....	Diode .....	351-26568	051
D4241	BB 640 SOD323 .....	Diode .....	351-26568	051
D4242	BB 535 SOD323 .....	Diode .....	351-26570	051
D4303	BB 639 SOD323 .....	Diode .....	351-26571	051
D4304	BB 535 SOD323 .....	Diode .....	351-26570	051
D4322	BB 639 SOD323 .....	Diode .....	351-26571	051
D4341	BB 639 SOD323 .....	Diode .....	351-26571	051
D4403	BB 535 SOD323 .....	Diode .....	351-26570	051
D4422	BB 535 SOD323 .....	Diode .....	351-26570	051
D4441	BB 535 SOD323 .....	Diode .....	351-26570	051
D4508	BB 640 SOD323 .....	Diode .....	351-26568	051
D4527	BB 639 SOD323 .....	Diode .....	351-26571	051
D4551	BB 535 SOD323 .....	Diode .....	351-26570	051
D4806	BAV 99W SOT323 .....	Diode .....	351-27469	051
<b>QUARZE/FILTER</b>		<b>QUARTZES</b>		
X4831	Piezo Filter 4,5 MHz .....	Ceramic Filter .....	386-27305020	051

Tuner/ZF, US		Tuner/IF	87346.050		
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.	
	<b>SPULEN/LAUTSPRECHER</b>	<b>COILS,SPEAKERS</b>			
S4110	HF-Relais Omron G6Y-1 5DC .....	Relay .....	387-27950	050	
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>			
I4500	TDA5637 SOT340 .....	Integrated Circuit .....	350-27278	050	
I4600	TSA5523M SOT266 .....	Integrated Circuit .....	350-27275	050	
I4800	TDA9817 SDIP24 .....	Integrated Circuit .....	349-27337	050	
	<b>TRANSISTOREN</b>	<b>TRANSISTORS</b>			
Q4110	BCR198W SOT323 PNP .....	Transistor .....	344-27269	050	
	<b>DIODEN</b>	<b>DIODES</b>			
D4110	BAS316 SOD323 .....	Diode .....	351-27952	050	
D4203	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	050	
D4204	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	050	
D4222	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	050	
D4241	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	050	
D4242	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	050	
D4303	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	050	
D4304	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	050	
	<b>DIODEN</b>	<b>DIODES</b>			
D4322	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	050	
D4341	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	050	
D4403	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	050	
D4422	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	050	
D4441	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	050	
D4508	DIOVC 0A02 30V SOD323 BB640 .....	Diode .....	351-26568	050	
D4527	DIOVC 0A02 30V SOD323 BB639 .....	Diode .....	351-26571	050	
D4551	DIOVC 0A02 30V SOD323 BB535 .....	Diode .....	351-26570	050	
D4806	BAV 99W SOT323 .....	Diode .....	351-27469	050	
	<b>QUARZE/FILTER</b>	<b>QUARTZES</b>			
X4831	Piezo Filter 4,5 MHz .....	Ceramic Filter .....	386-27305.020	050	
L231	Spule .....	Coil .....	297-27569.001	060	
L232	Spule .....	Coil .....	297-27569.001	060	
L233	Spule .....	Coil .....	297-27561.001	060	
L301	Spule .....	Coil .....	297-27566.001	060	
L311	Luftspule .....	Coil .....	297-27571	060	
L331	Spule .....	Coil .....	297-27561.001	060	
L332	Spule .....	Coil .....	297-27683.001	060	
L351	Spule .....	Coil .....	297-27563.001	060	
L352	Spule .....	Coil .....	297-27563.001	060	
L401	Spule .....	Coil .....	297-27562.001	060	
L411	Spule .....	Coil .....	297-27568.001	060	
L422	Spule .....	Coil .....	297-27559.001	060	
L431	Spule .....	Coil .....	297-27546.001	060	
L432	Spule .....	Coil .....	297-27683.001	060	
L451	Spule .....	Coil .....	297-27682.001	060	
L452	Spule .....	Coil .....	297-27682.001	060	
L503	Spule .....	Coil .....	297-27564.001	060	
L523	Spule .....	Coil .....	297-27552.001	060	
L543	Spule .....	Coil .....	297-27548.001	060	
L546	Spule .....	Coil .....	297-27559.001	060	
L701	Dr. 0U68 K 0305RA-R68K TDK .....	Choke .....	298-27591.020	060	
816	Spule .....	Coil .....	297-27743	060	
L831	Dr. 6U8 J EL0305RA-6R8J TDK .....	Choke .....	298-27588.020	060	
P821	Potentiometer 10K 6mm Kohleschicht hor. ....	Potentiometer .....	375-27744	060	
Q210	Transistor BF1100WR SOT343 .....	Transistor .....	344-27268	060	
Q310	Transistor BF1100WR SOT343 .....	Transistor .....	344-27268	060	

**Tuner/ZF, US****Tuner/IF****87346.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
Q410	Transistor BF1100WR SOT343 .....	Transistor .....	344-27268	060
Q836	Transistor BC847B SOT23 .....	Transistor .....	344-14974	060
Q853	Transistor BC847BW SOT323 .....	Transistor .....	344-27272	060
W100	Koax-Buchse .....	Socket .....	323-27599	060
W200	Kontaktleiste 6-pol. STLIN-1470ATT-006/11 .....	Kontakt Ledge .....	326-27320.016	060
W800	Kontaktleiste 5-pol. STLIN-1470ATT-005/9 .....	Kontakt Ledge .....	326-27320.015	060
X751	Filter OFW K 9463-M .....	Filter .....	290-25323.Y20	060
X771	Filter OFW K 9461-M .....	Filter .....	290-25216.Y20	060
X831	Piezo Filter .....	Ceramic Filter .....	386-27630.020	060
X832	Piezo Filter 4,5 MHz .....	Ceramic Filter .....	386-27305.020	060

**DIS-Modul****DIS Module****Art.-Nr. 88804.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I21	UDA1355H/N2 QFP44 .....	Integrated Circuit .....	350-31010	050
	<b>QUARZE/FILTER</b>	<b>QUARTZES</b>		
X38	12,28800 MHz HC49U4 CL=12pF .....	Crystal Oscillator .....	385-29837	050
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
Q14	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q82	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q87	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q93	BC847BW SOT323 .....	Transistor .....	344-27272	050

**Baß-Endstufe****Bass Power Amp.****88493.061**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>ALLGEM. MECHAN. TEILE</b>	<b>COMMON MECHANICAL PARTS</b>		
30	Linsenschraube AM 3x10 brüniert .....	Screw .....	432-74571	061
A9171	Strangkühlkörper mit TDA8926 .....	Screening .....	509-30767.050	061
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
10	TDA8926 SOT243-1 Audio-Endstufe .....	Integrated Circuit .....	349-29945	061
I9151	ICMOS TDA8929T SO24 Controller .....	Integrated Circuit .....	350-29946	061
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D9156	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	061
D9177	DIOZD 8V2 G 0W5 SOD-80C BZV55B .....	Diode .....	351-21413	061
Q9151	BC857BW SOT323 .....	Transistor .....	344-28404	061
Q9153	BC847BW SOT323 .....	Transistor .....	344-27272	061



Bedienteil		Control Unit	88226.050-051, 053		
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.	
	<b>SPULEN/LAUTSPRECHER</b>	<b>COILS,SPEAKERS</b>			
L8101	Relay 5V0 62R 16A 1-pol. ....	Relay .....	387-29279	050	
L8101	Relay 5V0 62R 16A 1-pol. 29x16x13 .....	Relay .....	387-29279	051	
T8101	Trafo Standby Q2500 EF16-4,7 .....	Power Transformer .....	490-29284	050	
T8101	Trafo Standby Q2500 EF16-4,7 .....	Power Transformer .....	490-29284	051	
	<b>ALLGEM. MECHAN. TEILE</b>	<b>COMMON MECHANICAL PARTS</b>			
H8207	684 Halter/Diode vorm. ....	Holder .....	602-84535.052	050	
H8207	554 Halter/Diode vorm. ....	Holder .....	602-84535.055	051	
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>			
I8123	TL 431ACLP .....	Integrated Circuit .....	349-19817.020	050	
I8123	TL 431ACLP .....	Integrated Circuit .....	349-19817.020	051	
I8131	VIPER12# SO8 CHARGE .....	Integrated Circuit .....	350-29281	050	
I8131	VIPER12# SO8 CHARGE .....	Integrated Circuit .....	350-29281	051	
I8216	IR-Empfänger (2-Farbstreifen) .....	Coupler .....	353-27396.Y20	050	
I8216	IR-Empfänger (2-Farbstreifen) .....	Coupler .....	353-27396.Y20	051	
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>			
W8321	Kombibuchse 6,5mm .....	Socket .....	323-27415	051	
W8321	Kombibuchse 6,5mm .....	Socket .....	323-27415	053	
W8321	Kombibuchse .....	Socket .....	323-28586	050	
	<b>DIODEN</b>	<b>DIODES</b>			
D8133	Gleichrichter DF 08 S .....	Rectifier .....	354-25837	050	
D8133	Gleichrichter DF 08 S .....	Rectifier .....	354-25837	051	
D8206	LED 3mm rot low current .....	Coupler .....	353-22140	050	
D8206	LED 3mm rot low current .....	Coupler .....	353-22140	051	
D8207	LED 3mm grün low current .....	Coupler .....	353-22141	050	
D8207	LED 3mm grün low current .....	Coupler .....	353-22141	051	
I8122	Opto-Koppler DIP4 80V 50/80mA .....	Coupler .....	353-28638	050	
I8122	Opto-Koppler DIP4 80V 50/80mA .....	Coupler .....	353-28638	051	
	<b>SCHALTER</b>	<b>SWITCHES</b>			
S8101	Netzschalter 8013 LORL .....	Switch .....	471-25599		
S8201	Taster (lang) .....	Switch .....	467-28135		
S8202	Taster (lang) .....	Switch .....	467-28135		
S8203	Taster (lang) .....	Switch .....	467-28135		
	<b>SICHERUNGEN</b>	<b>FUSES</b>			
F8133	Sich. 630mA T 250V 8x8 .....	Fuse .....	380-13837.020	050	
F8133	Sich. 630mA T 250V 8x8 .....	Fuse .....	380-13837.020	051	
	<b>KONDENSATOREN</b>	<b>CAPACITORS</b>			
C8133	Elko 4U7 M 400V .....	Electrolytic Capacitor .....	360-29280.020	050	
C8133	Elko 4U7 M 400V .....	Electrolytic Capacitor .....	360-29280.020	051	
	<b>SMD TEILE</b>	<b>SMD PARTS</b>			
D8106	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8106	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8111	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8111	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8111	BAS316 SOD323 .....	Diode .....	351-27952	053	
D8112	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8112	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8112	BAS316 SOD323 .....	Diode .....	351-27952	053	
D8114	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8114	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8121	1,0A 200V DO214AC FAST-GP .....	Diode .....	351-25539	051	
D8121	1,0A 200V DO214AC FAST-GP .....	Diode .....	351-29831	050	

Bedienteil		Control Unit	88226.050-050, 053		
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.	
	<b>SMD TEILE</b>	<b>SMD PARTS</b>			
D8131	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8131	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8138	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8138	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8201	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	050	
D8201	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	051	
D8202	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	050	
D8202	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	051	
D8204	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	050	
D8204	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	051	
D8331	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	050	
D8331	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	051	
D8336	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	050	
D8336	DIOZD 12V0 J 0W5 SOD-80 ZMM12 .....	Diode .....	351-17532	051	
D8391	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8391	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8391	BAS316 SOD323 .....	Diode .....	351-27952	053	
D8392	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8392	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8392	BAS316 SOD323 .....	Diode .....	351-27952	053	
D8491	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8491	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8491	BAS316 SOD323 .....	Diode .....	351-27952	053	
D8492	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	050	
D8492	0,2A 75V SOD80 LL4148 .....	Diode .....	351-15015	051	
D8492	BAS316 SOD323 .....	Diode .....	351-27952	053	
Q8111	BC847BW SOT323 .....	Transistor .....	344-27272	050	
Q8111	BC847BW SOT323 .....	Transistor .....	344-27272	051	
Q8114	BC847BW SOT323 .....	Transistor .....	344-27272	050	
Q8114	BC847BW SOT323 .....	Transistor .....	344-27272	051	
Q8202	BC847BW SOT323 .....	Transistor .....	344-27272	050	
Q8202	BC847BW SOT323 .....	Transistor .....	344-27272	051	

Bedienteil		Control Unit	88668.051		
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.	
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>			
W8002	Kombibuchse 6,5mm .....	Socket .....	323-27415	051	
	<b>SCHALTER</b>	<b>SWITCHES</b>			
S8101	Netzschalter 8013 LORL .....	Switch .....	471-25599	051	
S8201	Taster (lang) 6,2x6,2mm Horiz. ....	Switch .....	467-28135	051	
S8202	Taster (lang) 6,2x6,2mm Horiz. ....	Switch .....	467-28135	051	
S8203	Taster (lang) 6,2x6,2mm Horiz. ....	Switch .....	467-28135	051	
	<b>SMD TEILE</b>	<b>SMD PARTS</b>			
D8111	BAS316 SOD323 .....	Diode .....	351-27952	051	
D8112	BAS316 SOD323 .....	Diode .....	351-27952	051	
D8391	BAS316 SOD323 .....	Diode .....	351-27952	051	
D8392	BAS316 SOD323 .....	Diode .....	351-27952	051	
D8491	BAS316 SOD323 .....	Diode .....	351-27952	051	
D8492	BAS316 SOD323 .....	Diode .....	351-27952	051	

**DVI Extension**
**88682.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I5131	ICMOS LTC1778 SSOP16 .....	Integrated Circuit .....	350-30891	050
I5151	ICMOS LTC1778 SSOP16 .....	Integrated Circuit .....	350-30891	050
I5171	ICMOS LTC1778 SSOP16 .....	Integrated Circuit .....	350-30891	050
I5201	ICMOS SII169 TQFP100 Receiver HDCP .....	Integrated Circuit .....	350-31230	050
I5202	ICMOS 74LVC1G04 SOT353 Inverter .....	Integrated Circuit .....	350-30912	050
I5271	ICMOS PCF8574 SSOP20 .....	Integrated Circuit .....	350-28688	050
I5331	82B715 SO8 BUS-Buffer-I2C .....	Integrated Circuit .....	350-31241	050
I5336	74 AC 04 SO14 .....	Integrated Circuit .....	350-16393	050
I5346	LM 2903D SO08 .....	Integrated Circuit .....	350-21674	050
I5356	ICMOS 74LVC14APW TSSOP14 .....	Integrated Circuit .....	350-28748	050
I5361	LM 2902-M .....	Integrated Circuit .....	350-19705	050
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W5110	Systembuchse DVI 900 .....	Socket .....	323-29455	050
	<b>WIDERSTÄNDE</b>	<b>RESISTORS</b>		
R5221	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R5222	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R5223	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R5224	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R5226	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
R5227	Wid.-Array 4x22R J 4x0603 .....	Resistor .....	374-30936	050
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D5114	DIOZD 5V6 J 0W25 SOD323 .....	Diode .....	351-31054	050
D5142	LL 103 C .....	Diode .....	351-16947	050
D5147	1,0A 800V DO214AC FAST-GP .....	Diode .....	351-25542	050
D5162	LL 103 C .....	Diode .....	351-16947	050
D5167	1,0A 800V DO214AC FAST-GP .....	Diode .....	351-25542	050
D5182	LL 103 C .....	Diode .....	351-16947	050
D5187	1,0A 800V DO214AC FAST-GP .....	Diode .....	351-25542	050
D5261	BAS316 SOD323 .....	Diode .....	351-27952	050
D5262	BAS316 SOD323 .....	Diode .....	351-27952	050
D5263	BAS316 SOD323 .....	Diode .....	351-27952	050
D5376	BAS316 SOD323 .....	Diode .....	351-27952	050
D5382	BAS316 SOD323 .....	Diode .....	351-27952	050
D5383	BAS316 SOD323 .....	Diode .....	351-27952	050
D5392	BAS316 SOD323 .....	Diode .....	351-27952	050
Q5116	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q5117	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q5118	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q5146	BSO4822 SO-8 N-CH MOSFET .....	Transistor .....	344-31480	050
Q5147	BSO4822 SO-8 N-CH MOSFET .....	Transistor .....	344-31480	050
Q5166	FDS8936A SO8 6A 30V DUAL-N-CH .....	Transistor .....	344-30892	050
Q5186	BSO4420 SO-8 N-CH MOSFET .....	Transistor .....	344-31478	050
Q5187	BSO4420 SO-8 N-CH MOSFET .....	Transistor .....	344-31478	050
Q5261	BC847B SOT23 .....	Transistor .....	344-14974	050
Q5310	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	050
Q5311	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	050
Q5372	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q5376	BC847B SOT23 .....	Transistor .....	344-14974	050
Q5392	BC847B SOT23 .....	Transistor .....	344-14974	050

## ARS HDR

88801.001/2/050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
10	HDR vormontiert 80GB Q2550 .....	Scaffolding Access. ....	291-89001.050	
20	HDR-Zusatznetzteil kpl. ....	P.C.B .....	396-88746.050	
	<b>DRUCKSACHEN</b>	<b>OPERATING INSTRUCTIONS</b>		
30	EBA ARS DIGITAL RECORDER PLUS Q2550 .....	Indicating Sheet .....	240-31336	050
42	Codetabelle RC2 .....	Indicating Sheet .....	240-31117	050
60	BAN 6-spr. DIGITAL RECORDER PLUS Q2550 .....	Operating Instructions .....	233-31335	
90	BAN -D-I ACONDA 9381 HD/DR+/RC2 .....	Operating Instructions .....	233-31709	050
91	BAN -NL-F ACONDA 9381 HD/DR+/RC2 .....	Operating Instructions .....	233-31709.010	050
92	BAN -GB-E ACONDA 9381 HD/DR+/RC2 .....	Operating Instructions .....	233-31709.020	050
	<b>GERÄTEBEIPACK</b>	<b>SET SUPPLEMENT</b>		
21	Halter .....	Holder .....	602-86588.001	
40	RC2 platin .....	Transmitter .....	263-89500.A00	050
41	Mikrozelle 1,5V Alkali-Mangan .....	Accumulator .....	280-13411	050
	<b>VERPACKUNGSMATERIAL</b>	<b>PACKING MATERIAL</b>		
45	PE-Schutzeinlage 265x480x1 .....	Protective Packing .....	253-26221.001	050
50	Minigripbeutel 120x80x0,05 unbedr. ....	Protective Packing .....	253-47019	050
	<b>GEHÄUSETEILE</b>	<b>CABINET MOUNTING</b>		
22	Abdeckung für HDR-Zusatznetzteil .....	Mask .....	703-88875.001	
23	Filzstreifen 10x20 .....	Felt Strip .....	414-25190	
70	Halter für ACONDA .....	Holder .....	602-88854.001	050
80	Abstandshalter Typ 410.06.15 .....	Bolt .....	579-26173	050
90	Halter für ACONDA .....	Holder .....	602-88853.001	002
90	Halter für ACONDA .....	Holder .....	602-88853.001	050
92	Neoprenstanzteil 15x10x6 selbstklebend .....	Foam Plastics Ledge .....	411-22286.002	002
92	Neoprenstanzteil 15x10x6 selbstklebend .....	Foam Plastics Ledge .....	411-22286.002	050

## HDR Netzteil

## HDR Power Supply

88746.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>SPULEN</b>	<b>COILS,</b>		
L516	Dr. 2x5705H 4,0A Plasma .....	Choke .....	298-28263	050
T531	Trafo SMT EF 25/11 .....	Power Transformer .....	490-31352	050
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I551	ICMOS TDA16846 P-DSO-14-3 .....	Integrated Circuit .....	350-30893	050
	<b>TRANSISTOREN</b>	<b>TRANSISTORS</b>		
10	STP6NA60-FI .....	Transistor .....	346-27121.Y20	050
	<b>DIODEN</b>	<b>DIODES</b>		
20	9A0 500V SOD113 BYV29X .....	Diode .....	352-31289	050
	<b>SICHERUNGEN</b>	<b>FUSES</b>		
F621	3150mA F 250V 8x8 .....	Fuse .....	380-26219.020	050
	<b>KONDENSATOREN</b>	<b>CAPACITORS</b>		
C518	220N K 275V .....	Capacitor .....	359-28330	050
C521	150P K 1000V .....	Capacitor .....	357-31049.020	050
C526	Elko 56U00 M 450V .....	Electrolytic Capacitor .....	360-31285	050
C541	10N M 1000V .....	Capacitor .....	359-22573	050
C600	KO-Y1 1N0 M 250V .....	Capacitor .....	357-29162	050
C621	330P M 500V .....	Capacitor .....	357-16875.020	050
	<b>WIDERSTÄNDE</b>	<b>RESISTORS</b>		
R521	1K8 J 0207 0W5 WIDSI .....	Resistor .....	367-31444.020	050
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D521	5A 1200V DPAK STTA512 .....	Diode .....	351-31236	050
D536	BAS316 SOD323 .....	Diode .....	351-27952	050

## HDR Interface

88721.050

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
10	HDR-Interface kpl. Q2550 .....	P.C.B .....	396-88721.050	050
20	PVR-Modul für HDR .....	Scaffolding Access. ....	291-31141	050
40	Festplatte 80GB .....	Drive Mechanism .....	270-31135	050
	<b>ALLGEM. MECHAN. TEILE</b>	<b>COMMON MECHANICAL PARTS</b>		
11	Abstandbolzen (Metall) M3x12 .....	Bolt .....	579-31602	050
30	Halter HDR-Modul .....	Holder .....	602-88723.001	050
43	Dämpfer für HDR .....	Clutch Piece .....	503-31446	050
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I 02	L 78L05 SO8 .....	Integrated Circuit .....	350-25846	050
I 03	ICMOS MSP3410 PQFP-80 SOUND .....	Integrated Circuit .....	350-29131	050
I 04	ICMOS 4,50V 20MA SO08 RESET-IC .....	Integrated Circuit .....	350-28570	050
I 05	ICMOS PCF8574 SSOP20 .....	Integrated Circuit .....	350-28688	050
I 06	ICMOS LTC1778 SSOP16 .....	Integrated Circuit .....	350-30891	050
I 07	L 78L08 SO8 .....	Integrated Circuit .....	350-26953	050
I721	ICMOS LTC1778 SSOP16 .....	Integrated Circuit .....	350-30891	050
	<b>QUARZE/FILTER</b>	<b>QUARTZES</b>		
X 01	Quarz 18,432000 MHz HC49U .....	Crystal Oscillator .....	385-31166	050
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D 01	LL 103 C .....	Diode .....	351-16947	050
D 02	1,0A 800V DO214AC FAST-GP .....	Diode .....	351-25542	050
D 03	DIOZD 16V0 J 0W2 SOD323 BZT52 .....	Diode .....	351-31337	050
D739	LL 103 C .....	Diode .....	351-16947	050
D742	1,0A 800V DO214AC FAST-GP .....	Diode .....	351-25542	050
Q 01	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q 02	FDS8936A SO8 6A 30V DUAL-N-CH .....	Transistor .....	344-30892	050
Q 03	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	050
Q 04	SN7002 SOT23 0A19 60V NCH .....	Transistor .....	344-29134	050
Q711	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q741	FDS8936A SO8 6A 30V DUAL-N-CH .....	Transistor .....	344-30892	050

**AC3-Modul****AC3 Module****Art.-Nr. 88228.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
10	ICMOS OTP VSOP32 256KX8 .....	Integrated Circuit .....	350-28694	050
I001	ICMOS CS4925 PLCC44 .....	Integrated Circuit .....	350-28692	050
I002	ICMOS CS4226 TQFP44 .....	Integrated Circuit .....	350-28693	050
I003	ICMOS 74LVC574APW TSOP20 .....	Integrated Circuit .....	350-28695	050
I004	ICMOS 74LVC574APW TSOP20 .....	Integrated Circuit .....	350-28695	050
I005	ICMOS OTP VSOP32 256KX8 SW V1.0 .....	Integrated Circuit .....	350-28694050	050
I006	ICMOS SSM2404 SO20 .....	Integrated Circuit .....	350-28699	050
I007	MC33079 SO14 .....	Integrated Circuit .....	350-28701	050
I008	MC33079 SO14 .....	Integrated Circuit .....	350-28701	050
I009	ICMOS HEF4053D SO16 .....	Integrated Circuit .....	350-24881	050
I010	ICMOS M34063A SO008 .....	Integrated Circuit .....	350-28429	050
I011	ICMOS 8575 SOT340 I/O-EXP.J2C .....	Integrated Circuit .....	350-29252	050
I012	MC33078 SO8 .....	Integrated Circuit .....	350-28702	050
I013	ICMOS HCF4081B SO14 .....	Integrated Circuit .....	350-28689	050
I014	ICMOS SSM2404 SO20 .....	Integrated Circuit .....	350-28699	050
I015	ICMOS 74LVC125APW TSSOP14 .....	Integrated Circuit .....	350-28697	050
I016	ICMOS 74LVC14APW TSSOP14 .....	Integrated Circuit .....	350-28748	050
I018	NJM2234 SSOP-8 Video-Switch .....	Integrated Circuit .....	350-29253	050
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D001	DIOZD 5V6 G 0W5 SOD-80 ZMM5.6 .....	Diode .....	351-22580	050
D002	1,0A 800V DO214AC FAST-GP .....	Diode .....	351-25542	050
Q001	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q002	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q004	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q005	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q006	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q007	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q008	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q009	BC847BW SOT323 .....	Transistor .....	344-27272	050
Q010	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q011	BC847BW SOT323 .....	Transistor .....	344-27272	050

**Audio Erweiterung****Audio Extension****Art.-Nr. 88234.050-051**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W01	Cinchbuchse 4-fach Quadrat .....	Socket .....	323-29242	050
W03	Cinchbuchsenleiste 3-fach schwarz .....	Socket .....	323-29664	

**Audio Erweiterung****Audio Extension****88678.050**

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W01	Cinchbuchse 4-fach Quadrat mit Massepin .....	Socket .....	323-31410	050

## S-Link Erweiterung      S-Link Extension

88857.050-065

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
I146	ICMOS SP232ACT SO16 .....	Integrated Circuit .....	350-27250	060
I146	ICMOS SP232ACT SO16 .....	Integrated Circuit .....	350-27250	065
	<b>BUCHSEN/FASSUNGEN</b>	<b>SOCKETS</b>		
W116	Mini-DIN-Buchse 9-pol. horiz. schwarz .....	Socket .....	323-31362	050
W116	Mini-DIN-Buchse 9-pol. horiz. schwarz .....	Socket .....	323-31362	065
W141	D-SUB-Buchse 9-pol. ....	Socket .....	323-31515	060
W141	D-SUB-Buchse 9-pol. ....	Socket .....	323-31515	065
	<b>SICHERUNGEN</b>	<b>FUSES</b>		
R116	PPTC-Sich. 0A5/1A0 60V 7D5 5R1 .....	Thermo Fuse .....	381-29890.020	050
R116	PPTC-Sich. 0A5/1A0 60V 7D5 5R1 .....	Thermo Fuse .....	381-29890.020	065
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
D144	BA 592 SOD323 .....	Diode .....	351-25810	060
D144	BA 592 SOD323 .....	Diode .....	351-25810	065
D147	BA 592 SOD323 .....	Diode .....	351-25810	060
D147	BA 592 SOD323 .....	Diode .....	351-25810	065
D154	BA 592 SOD323 .....	Diode .....	351-25810	060
D154	BA 592 SOD323 .....	Diode .....	351-25810	065
Q103	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q103	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q107	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q107	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q111	BC857BW SOT323 .....	Transistor .....	344-28404	050
Q111	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q122	BC857BW SOT323 .....	Transistor .....	344-28404	060
Q122	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q127	BC857BW SOT323 .....	Transistor .....	344-28404	060
Q127	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q131	BC857BW SOT323 .....	Transistor .....	344-28404	060
Q131	BC857BW SOT323 .....	Transistor .....	344-28404	065
Q143	BC847BW SOT323 .....	Transistor .....	344-27272	060
Q143	BC847BW SOT323 .....	Transistor .....	344-27272	065
Q146	BSV52 SOT23 .....	Transistor .....	344-16207	060
Q146	BSV52 SOT23 .....	Transistor .....	344-16207	065
Q151	BC857BW SOT323 .....	Transistor .....	344-28404	060
Q151	BC857BW SOT323 .....	Transistor .....	344-28404	065

## Fernbedienung RC2

## Remote Control RC2

89500.A50 / 89510.A00

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>BAUGRUPPEN</b>	<b>UNITS</b>		
10	Ltpl. Fernbedienung .....	Remote Control P.C.B. ....	396-88613.050	A50
10	Ltpl. Fernbedienung US .....	Remote Control P.C.B. US .....	396-88613.051	A00
	<b>DRUCKSACHEN</b>	<b>OPERATING INSTRUCTIONS</b>		
20	BAN-D-I DVD Preceiver AURO 8116 DT .....	Operating Instructions .....	233-31699	
20	BAN -D-I ACONDA 9381 HD/DR+/RC2 .....	Operating Instructions .....	233-31709	
21	BAN-NL-F DVD Preceiver AURO 8116 DT .....	Operating Instructions .....	233-31699.010	
21	BAN -NL-F ACONDA 9381 HD/DR+/RC2 .....	Operating Instructions .....	233-31709.010	
22	BAN-GB-E DVD Preceiver AURO 8116 DT .....	Operating Instructions .....	233-31699.020	
22	BAN -GB-E ACONDA 9381 HD/DR+/RC2 .....	Operating Instructions .....	233-31709.020	
23	Garantie- und Service-Card AUDIO .....	Indicating Sheet .....	240-31659	
24	LOEWE Marketing-Card .....	Indicating Sheet .....	240-31294	
25	Rückumschlag Marketing-Card .....	Indicating Sheet .....	240-31298	



## Fernbedienung RC2

## Remote Control RC2

## 89500.A50 / 89510.A00

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr.	Var. Var.
	<b>GERÄTEBEIPACK</b>	<b>SET SUPPLEMENT</b>		
11	Mikrozelle 1,5V Alkali-Mangan .....	Accumulator .....	280-13411	
	<b>VERPACKUNGSMATERIAL</b>	<b>PACKING MATERIAL</b>		
12	Kettenbeutel 85mm x 340mm Rolle .....	Protective Packing .....	253-29190	
13	Luftpolsterbeutel 45x75 .....	Protective Packing .....	253-31593	
26	Klarsichtbeutel 240x320 bedr. ....	Protective Packing .....	253-28416	
30	Verpackungskarton für BAN+FB RC2 .....	Packing Case .....	245-88422.004	
30	Schachtel RC2 .....	Packing Case .....	245-88954.001	
32	PE-Schutzeinlage 265x480x1 .....	Protective Packing .....	253-26221.001	
	<b>GEHÄUSETEILE</b>	<b>CABINET MOUNTING</b>		
60	Gehäuse-Oberteil kpl. platin RC2 <b>EU-M</b> (89500) .....	Cover .....	756-88696.209	A50
60	Gehäuse-Oberteil kpl. platin RC2 <b>USA-OTP</b> (89510) .....	Cover .....	756-88696.709	A00
	<b>INTEGR. SCHALTUNGEN</b>	<b>INTEGRATED CIRCUITS</b>		
01	ICMOS M24C02 SO8 EEPROM .....	Integrated Circuit .....	350-31084	
I 02	ICMOS S3C80F9 44-QFP V1.1 <b>EU-M</b> (89500) .....	Integrated Circuit .....	350-31040.002	A50
I 02	ICMOS S3C80F9 44-QFP V1.1 <b>USA-OTP</b> (89510) .....	Integrated Circuit .....	350-31176.002	A00
I 04	IC-VR 3V30 SOT323 TPS79733 .....	Integrated Circuit .....	350-31282	
	<b>DIODEN</b>	<b>DIODES</b>		
D 03	LED F.D.SFH 4515 .....	Coupler .....	353-27024	
D 04	LED F.D.SFH 4515 .....	Coupler .....	353-27024	
	<b>GEBER-ERSATZTEILE</b>	<b>SPARE PARTS FOR TRANSMITTER</b>		
30	Display CONTROL RC2 .....	Coupler .....	353-88649.001	
35	Lichtleiter RC2 .....	Window .....	666-88685.001	
50	Kontaktmatte RC2 .....	Spring Contact .....	309-88688.001	
51	Taste Multiwayswitch platin RC2/RC3 .....	Button .....	682-88693.009	
61	EJOT-PT-Schraube K25x6 Torx .....	Screw .....	440-31456	
70	Gehäuse-Unterteil platin RC2 .....	Cover .....	756-88695.009	
75	Batteriefeder 2-fach .....	Spring .....	739-85279.001	
80	Batteriedeckel platin RC2/RC3 .....	Cover .....	756-88687.009	
C 04	Elko 4U7 M 16V SMD .....	Electrolytic Capacitor .....	362-28918	
D 02	LED Mini-TOPLED SMD LS M676 rot .....	Coupler .....	353-31115	
D 08	LED Mini-TOPLED SMD LS M676 rot .....	Coupler .....	353-31115	
H 23	Batteriefeder 1-fach .....	Spring .....	739-85278.001	
IQ 09	BC857BW SOT323 .....	Transistor .....	344-28404	
S 02	Joystick SMD 4-Dir. ....	Keyboard .....	466-31092	
W 01	SMD-Kontaktfeder RC2 .....	Batt. Cont. Spring .....	729-31463	
W 03	Batteriefeder vergoldet .....	Spring .....	739-87217.002	
W 04	Batteriefeder vergoldet .....	Spring .....	739-87217.002	
W 07	Batteriefeder vergoldet .....	Spring .....	739-87217.002	
W 20	Foliensteckverb. 28-pol. 0R5 .....	Contact Ledge .....	326-29383	
X 03	Reson. 8,000000 MHz SMD mit Kond. ....	Ceramic Filter .....	386-29927	
	<b>SMD TEILE</b>	<b>SMD PARTS</b>		
Q 02	FMMT717 SOT23 .....	Transistor .....	344-27372	
Q 04	BC847BW SOT323 .....	Transistor .....	344-27272	
Q 06	BC847BW SOT323 .....	Transistor .....	344-27272	
Q 07	BC857BW SOT323 .....	Transistor .....	344-28404	
Q 10	BC847BW SOT323 .....	Transistor .....	344-27272	



# Loewe-Vertragswerkstätten • Loewe establishments

## Berlin

VHF  
Steglitzer Damm 39  
12169 **Berlin**  
Tel. 0 30 / 21 33 006  
Fax 0 30 / 21 33 007  
loewe.vertragskundendienst.berlin@arcor.de

## Hamburg

Michael Hinz  
Audio-Video-TV-Service  
Antonie-Möbis-Weg 5  
22523 **Hamburg**  
Tel. 0 40 / 57 08 010  
Fax 0 40 / 57 08 017  
Hinz@Hinz-GmbH.de

## Niedersachsen

Hütsche & Stelter GbR  
Lüneburger Str. 27  
21335 **Lüneburg**  
Tel. 041 31 / 85 58 83  
Fax 041 31 / 85 58 84  
videlse@compuserve.de

## Niedersachsen

Wolfgang Schütte GmbH  
TV-HiFi-Meisterwerkstatt  
Bernhardstr. 36  
26122 **Oldenburg**  
Tel. 04 41 / 50 20 35  
Fax 04 41 / 50 84 87  
Service-Center@t-online.de

## Niedersachsen

DW-Service GmbH  
Haltenhoffstraße 52-54  
30167 **Hannover**  
Tel. 05 11 / 714 073  
Fax 05 11 / 700 09 97  
Doering@DW-Service.com

## Nordrhein-Westfalen

TSW-Techn. Service Wenzel  
Klingenbergerstraße 38-40  
32756 **Detmold**  
Tel. 052 31 / 39 513  
Fax 052 31 / 39 613  
mail@TSW-online.de

## Nordrhein-Westfalen

Jürgen Wolber  
Electronic - Service  
Weißburgerstraße 52  
40476 **Düsseldorf**  
Tel. 02 11 / 443 456  
Fax 02 11 / 464 433  
Wolber@arcormail.de

## Nordrhein-Westfalen

HVS Lösbar GmbH  
Hauert 16  
44227 **Dortmund**  
Tel. 02 31 / 97 53 333  
Fax 02 31 / 97 53 33 50  
info@Loesbar.de

## Nordrhein-Westfalen

SSC Kirchhoff GmbH  
Am Förderturm 9  
44575 **Castrop-Rauxel**  
Tel. 023 05 / 97 740  
Fax 023 05 / 97 74 99  
info@SSC-kirchhoff.de

## Nordrhein-Westfalen

Elektronik-Service Wenzel  
Mielenforsterstraße 2  
51069 **Köln**  
Tel. 02 21 / 68 01 585  
Fax 02 21 / 68 01 588  
ESW-Elektronik@t-online.de

## Rheinland-Pfalz

Hans Krempel / Haustechnik GmbH  
August-Horch-Straße 14  
56070 **Koblenz**  
Tel. 02 61 / 89 09-0  
Fax 02 61 / 83 074  
Rainer.Hartenfels@Krempel.de

## Rheinland-Pfalz

L. Weisenstein GmbH  
Ludwig Strauss Straße 1  
67098 **Bad Dürkheim**  
Tel. 063 22 / 95 080  
Fax 063 22 / 95 08 19  
Weisenstein\_GmbH@t-online.de

## Hessen

Fernseh-Kessler  
Veckerhagener Straße 58  
34233 **Fulda**  
Tel. 05 61 / 81 30 01, 81 30 02, 81 30 03  
Fax 05 61 / 81 91 85  
info@Fernseh-Kessler.de

## Hessen

Schwalbe GmbH  
Max-Planck-Str. 20  
63303 **Dreieich**  
Tel. (0 61 03) 39 99 80  
Tel. (0 61 03) 39 99 79  
Schwalbe-@t-online.de

## Hessen

VAD Video- und Audio-Dienst  
Ostring 7  
65205 **Wiesbaden-Nordenstadt**  
Tel. 061 22 / 90 91 80  
Fax 061 22 / 90 91 50  
Loewe@Hemmerling-Service.de

## Hessen

Schwalbe GmbH  
Max-Planck-Straße 20  
34233 **Fulda**  
Tel. 061 03 / 39 99 80  
Fax 061 03 / 39 99 79

## Baden-Württemberg

AV-Technik Wagner Zerweck GmbH  
Hofener Straße 140a  
70374 **Stuttgart**  
Tel. 071 11 / 78 00 423  
Fax 071 11 / 78 00 426  
07117800423-0001@t-online.de

## Baden-Württemberg

Pavlek Service-Center  
Rilkestraße 5  
71229 **Leonberg**  
Tel. 071 52 / 90 51 16+17  
Fax 071 52 / 90 51 18  
Loewe@Pavlek.de

## Baden-Württemberg

Autronic Electronic-Service GmbH  
Greschbachstraße 29  
76229 **Karlsruhe**  
Tel. 07 21 / 62 99 132  
Fax 07 21 / 62 99 195  
emanuel.werner@autronic-service.de

## Baden-Württemberg

CES Consumer-Electronic-Service GmbH  
Königsberger Straße 12  
78628 **Rottweil**  
Tel. 07 41 / 24 90  
Fax 07 41 / 24 92 79  
Dreher.CES@gmx.de

## Bayern

Jürgen Drössler Fernseh-Video-Service  
Lerchenstraße 8  
80995 **München**  
Tel. 0 89 / 35 71 68 31  
Fax 0 89 / 35 71 68 38  
JuergenDroessler@freenet.de

## Mecklenburg-Vorpommern

TV-Hifi-Video-SAT-Elektronik  
Inh. Wolfgang Schubert  
Lange Reihe 38b  
17121 **Loitz**  
Tel. 03 99 98 / 10 577  
Fax 03 99 98 / 10 566  
TV\_Schubert@t-online.de

## Mecklenburg-Vorpommern

Wilhelm Meissner GmbH  
Dorfstraße 1  
18107 **Lichtenhagen-Dorf**  
Tel. 03 81 / 76 000 62  
Fax 03 81 / 76 000 63  
Service@EP-Meissner.com

## Mecklenburg-Vorpommern

Service-Center Baumeister  
Neue Reihe 14  
18190 **Sanitz**  
Tel. 03 82 09 / 81 950  
Fax 03 82 09 / 81 951  
SCB@SCBaumeister.de

## Mecklenburg-Vorpommern

Elektro Blitz GmbH & Co.KG  
Lessingstraße 31  
19059 **Schwerin**  
Tel. 03 85 / 75 82 080  
Fax 03 85 / 75 82 08 50  
Service@EP-Elektro-Blitz.de

## Brandenburg

Wolfgang Ihlefeldt  
Berliner Str. 8  
14532 **Güterfelde**  
Tel. 033 29 / 62 192  
Fax 033 29 / 62 296  
Wihlefeldt@t-online.de

## Sachsen-Anhalt

Schwanbeck & Gall GmbH  
Weißenfeller Straße 1  
06712 **Zeitz**  
Tel. 034 41 / 86 210  
Fax 034 41 / 86 211  
Schwanbeck-Gall@t-online.de

## Sachsen-Anhalt

Service-Partner Völkel  
Carnotstraße 27  
39120 **Magdeburg**  
Tel. 03 91 / 62 87 777  
Fax 03 91 / 62 87 779  
SPVoelkel@debitel.net

## Sachsen

SMV Elektronik Service GmbH  
Hofmühlenstraße 25  
01239 **Dresden**  
Tel. 03 51 / 28 16 016  
Fax 03 51 / 28 16 017  
SMV-dd@t-online.de

## Ing. Günter Schröter

Zielona-Gora-Str. 21  
**Sachsen**  
03050 **Cottbus**  
Tel. 03 55 / 52 30 28  
Fax 03 55 / 54 22 06  
GS.Elektronik-Service@t-online.de

## Sachsen

HVS Lösbar GmbH  
Landsberger Straße 23  
04157 **Leipzig**  
Tel. 03 41 / 91 26 070  
Fax 03 41 / 91 26 071  
Leipzig@loesbar.de

## Sachsen

Semmler GmbH  
Schulstraße 36  
09337 **Hohenstein-Ernstthal**  
Tel. 037 23 / 65 200  
Fax 037 23 / 65 20 28  
Semmler-multimedia@t-online.de

## Thüringen

Gärtner-Elektronik-GmbH & Co.KG  
Saalbahnstraße 21  
07743 **Jena**  
Tel. 036 41 / 40 840  
Fax 036 41 / 40 84 29  
0364140840@t-online.de

## Thüringen

Audio-Video-Elektrik-Service GmbH  
Lange Brücke 35  
99084 **Erfurt**  
Tel. 03 61 / 56 26 285  
Fax 03 61 / 64 30 871  
au-vi-el-erfurt@t-online.de

# Loewe-Service und Logistik

LOEWE OPTA GmbH

Service + Logistik

Zentrale Kronach

96305 Kronach • Postfach 1554

96317 Kronach • Industriestraße 11

## Die wichtigsten Rufnummern der Zentrale Kronach:

The most important phone numbers of the Kronach headquarters

	Telefon:	FAX
Ersatzteilbestellungen:	(0180) 522 1800	(0180) 522 1806
Status von Reparaturen:	(0180) 522 1805	(0 92 61) 99 412
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## Loewe Service Übersee • Overseas

### Australien

International Dynamics

Australasia PTY LTD

129 Palmer Street

AUS -Richmond 3121, Victoria

Tel. 00 61 / 3 - 94 29 08 22

Fax 00 61 / 3 - 94 29 08 33

aencel@internationaldynamics.com.au

mthorntonsmith@internationaldynamics.com.au

### Französisch Polynesien

Sonexport

P.O. Box 2334

Avenue Prince Hinoi

98713 Papeete - Tahiti

French Polynesia

Tel. 00 689 / 50 66 50

Fax 00 689 / 50 66 55

sonex@mail.pf

### Hong Kong

Audio Supplies Company

5/F., St George's Building

2 Ice House Street

Central, Hong Kong

Tel. 00 852 / 25 24 - 93 77

Fax 00 852 / 28 10 - 04 06

akung@audiosupplies.com.hk

### Indien

BPL Limited

17th KM, Old Madras Road

Avalahalli

IND - Banalore 560 049

Tel. 00 91 / 80 84 72 966

Fax 00 91 / 80 84 72 242

alok.sen@hotmail.com

### Israel

RIF LTD

29, Izhak Sade Street

IRS - Tel Aviv 67213

Tel. 00 972 / 3 62 40 555

Fax 00 972 / 3 62 40 303

loewe@bezeqint.net

### Kanada

Evolution Audio Video Inc.

250 The Esplanade

Suite 302

Toronto, Ontario M5A 1J2

Tel. 00 1 / 416-603-9090

Fax 00 1 / 416-603-9083

rbdobson@sympatico.ca

### Korea

CIS Corporation

3rd Fl. Jijin Bldg. 80-3

Cheongdam-Dong

Kangnam-Ku, 135-100

Seoul, Korea

Tel. 02 3446 35 11

Fax 02 3446 35 15

hjkim@csico.co.kr

### Kuwait

Naser Mohd. Al-Sayer

Electronics Co W.L.L.

P.O. Box 522

KTW - Safat 13006

Tel. 00 9 65 / 4 73 73 99

Fax 00 9 65 / 4 72 08 62

### Libanon

Obergi Audiovis S.A.L.

Dora high-way, sea side Obegi Bldg.

B.P. 11-2652

RL - Beyrouth

Tel. 00 9 61 / 1 90 07 71

Fax 00 9 61 / 1 90 07 74

obegi.audiovis@tmi.com.lb

### Saudi Arabien

Salem Agencies & Services Co.

P.O. Box 9720

SA - Jeddah 21413

Tel. 00 9 66 / 2 - 6 65 46 16

Fax 00 9 66 / 2 6 60 78 64

### Singapur

Atlas Hi-Fi PTE LTD

# 03-19/21 Plaza Singapura

68 Orchard Road

Singapore 238839

Tel. (65) 339 0966

Fax (65) 336 4678

miketien@atlas-hifi.com

### Südafrika

The Soundlab (PTY) LTD

P.O. Box 757

Parklands 2121

Republik of South Africa

Tel. 0027 / 11 - 447 65 75

Fax 0027 / 11 - 447 66 62

loewe@mad.co.za

### Vereinigte Staaten

Loewe Opta, Inc.

10 Cordage Park Circle

Suite No. 213

Plymouth, Mass. 02360

Tel. 001-508 / 830 0025

Fax 001-508 / 830 9414

ksullivan@loeweus.com

pfredrickson@loeweus.com

thoefer@loeweus.com

jbroshan@loeweus.com

www.loewe.us.com

### Zypern

L & M Eu Eurappliances LTD

Kennedy Avenue 1 A & B

P. O. Box 23426

CY - Nicosia

Tel. 00 3 57 / 22 - 42 05 10

Fax 00 3 57 / 22 - 42 87 70

eurappliances@spidernet.com.cy

liveras@spidernet.com.cy



# Loewe Service / Europa • Europe

## Benelux

Loewe Opta Benelux NV / SA  
Uilenbaan 84  
B - 2140 Antwerpen  
Tel. 00 32 / 3-2 70 99 30  
Fax 00 32 / 3-2 71 01 08  
loewe@loewe.be  
Tel. 00 30 / 2 80 33 94  
Fax 00 32 / 32 71 01 08

## Bulgarien

Magnum-D LTD  
31, Alabin Str.  
BG - 1000 Sofia  
Tel. 00 359 / 98 367 121  
Fax 00 359 / 29 631 606  
daraluck7@yahoo.com

## Dänemark

Turku TV Operation LTD Denmark  
Roskildevej 342 G  
DK - 2630 Taastrup  
Tel. 00 45 / 43 59 77 77  
Fax 00 45 / 43 59 77 00  
morten.petersen@turkutv.dk

## Estland

Tetra Trading Oy  
Kuusemetsa 3  
Saue 76506  
Estland  
Tel. 00 372 / 50 14 817  
Fax 00 372 / 67 09 911  
tetra@online.de

## Frankreich

Sorep Import S.A.  
11 rue de la Durance  
BP 954  
F - 67029 Strasbourg Cédex 1  
Tel. 00 33 / 3 - 88 79 72 50  
Fax 00 33 / 3 - 88 79 72 59  
loewe.sorep@wanadoo.fr

## Griechenland

Sound Hellas S.A.  
Kleanthous Str. 10  
GR - 54642 Thessaloniki  
Tel. 00 30 / 31 - 856 100 o.856 200  
Fax 00 30 / 31 - 856 300  
sound@spark.net.gr

## Grossbritannien

Linn Products Limited  
P.O. Box 8465  
Prestwick  
UK - KA 7 2YF  
Tel. 00 44 / 12 92 - 47 15 57  
Fax 00 44 / 12 92 - 47 15 54  
helpline@linn.co.uk  
stuart.withe@loewetv.co.uk

## GUS

Geschl. Aktiengesellschaft der Finanz-  
und Industrie-Gruppe Kreml  
Zweigniederlassung Berlin  
Friedrichstr. 200  
10117 Berlin  
Tel. 0 30 / 22 33 38 88  
Fax 0 30 / 22 33 38 89  
kreml@checkpoint-charlie.de  
Büro Moskau:  
Petrovsky per., d. 5, str. 2of. 10  
RUS - 103031 Moscow  
Tel. 095 / 929 99 28 oder 929 99 31  
Fax 095 / 921 64 07  
loewerus@online.ru

## Italien

General Trading Trust SPA  
Via Vittorio Emanuele, 33  
I - 50041 Calenzano (FI)  
Tel. 00 39 / 055 88 81 51  
Fax 00 39 / 055 88 81 54 3  
gtitaly@gtitaly.com

## Island

Braedurnir Ormsson HF  
Lagmula, 8  
128 Reykjavik, Iceland  
Tel. 00 354 - 5 - 302 800 oder 302 825  
Fax 00 354 - 5 - 302 810  
andres@ormsson.is

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96328 Küps, Tel. 09264/9953-0  
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## Kroatien

Audio Tim Export-Import  
Heinzelova 50  
CR - 10 000 Zagreb  
Tel. 00 385 / 1 46 60 293  
Fax 00 385 / 1 46 62 517  
audio-tim@audio-tim.hr

## Lettland

Elcor  
37, Kr. Valdemara str.  
Riga, Latvia, LV-1010  
Tel. 00 371 / 7 070 707  
Fax 00 371 / 7 070 22  
zinkin@elcor.lv  
domotehnika@elcor.lv

## Litauen

Leotekus Uab  
Vilniaus 12  
LT - 2001 Vilnius  
Tel. 00370 - 523 12 917  
Fax 00370 - 523 12 804  
mailto:info@loewe.lt  
http://www.loewe.lt/

## Malta

Mirage Holdings LTD  
Flamingo Complex  
Cannon Road  
M - Qormi  
Tel. 00 3 56 21 / 49 71 82 / 3  
Fax 00 3 56 21 / 44 59 83

## Mazedonien

D. T. Kodi  
Cedomir Kantargiev 21 a  
91 000 Skopje  
Macedonia  
Tel. 00 389 / 2 31 33 104  
Fax 00 389 / 2 32 38 922  
nikola@alternet.sk  
itasevski@kodi.com.mk

## Norwegen

CableCom AS  
Ostre Kullerod 5  
N - 3241 Sandefjord  
Tel. 00 47 / 33 - 48 33 48  
Fax 00 47 / 33 - 44 60 44  
roy@cablecom.no

## Österreich

Robert Bosch AG  
Postfach 146  
A - 1011 Wien  
Tel. 00 43 / 1 - 797 224 500  
Fax 00 43 / 1 - 797 224 499  
andreas.stolar@at.bosch.com

## Polen

DSV Trading SA  
Chrzanowskiego 10  
80-278 Gdansk  
Tel. 0048 58 / 341 00 14  
Fax 0048 58 / 341 27 89  
market@dsv.com.pl

## Norwegen

CableCom AS  
Bekkevn, 9  
N - 3218 Sandefjord  
Tel. 00 47 / 33 - 48 33 48  
Fax 00 47 / 33 - 48 33 33  
roy@cablecom.no

## Österreich

Robert Bosch AG  
Postfach 146  
A - 1011 Wien  
Tel. 00 43 / 1 - 797 224 500  
Fax 00 43 / 1 - 797 224 499  
gerhard.risser@at.bosch.com

## Österreich

Pirngruber  
Elektronik Service & Vertriebsges. m.b.H.  
Dauphinestr. 226  
A - 4030 Linz  
Tel. 00 43 / 07 32 - 38 72 82-0  
Fax 00 43 / 07 32 - 38 72 82-20

## Polen

PPHU PAROS Sp. zo.o.  
ul. Ustronie 1-3  
PL - 50-302 Wroclaw  
Tel. 00 48 / 71 - 3 222 014 od. 017  
Fax 00 48 / 71 - 322 10 61  
j.pasieczny@paros.com.pl

## Portugal

Videocustica  
Comercio e Representacoes de  
Equipamentos Electronicos S.A.  
Estrada Circunvalacao  
Quinto do Paizinho, Arm 5  
P - 2795-632 Carnaxide  
Tel. 00 3 51 / 21 - 4 24 17 70  
Fax 00 3 51 / 21 - 4 18 80 93  
office@videocustica.pt

## Schweden

Canseda AB  
Amalia Jönssons Gata 19  
SE - 421 31 Västra Frölunda  
Tel. 00 46 / 31 - 709 37 60  
Fax 00 46 / 31 - 476 515  
info@canseda.se

## Schweiz

Telion AG  
Rütistrasse 26  
CH - 8952 Schlieren  
Tel. 00 41 / 1 - 7 32 15 11  
Fax 00 41 / 1 - 7 30 15 02  
lgelpke@telion.ch

## Slowakei

Basys Czech & Slovak S.R.O.  
Trnavská cesta 84  
SK - 821 02 Bratislava  
Tel. 00 421 / 2 44 45 57 90  
Fax 00 421 / 2 44 45 57 92  
lelovsky@basys.sk  
partl@basys.sk

## Slowenien

Jadran Trgovsko Podjetje  
Partizanska cesta 69  
SL - 6210 Sežana  
Tel. 00 3 86 / 57 - 31 04 40  
Fax 00 3 86 / 57 - 31 04 42  
maks.puhar@jadran.si

## Spanien & Kanarische Inseln

Gaplasa S.A.  
Conde de Torroja, 25  
E - 28022 Madrid  
Tel. 00 349 / 1 - 7 48 29 60  
Fax 00 349 / 1 - 3 29 16 75  
loewe@maygap.com

## Tschechische Republik

K + B Expert Spol. SR. O.  
U. Expertu 91  
CZ - 2 50 69 Klicany u Prahy  
Tel. 00 42 0 / 2 - 72 122 111 (222)  
Fax 00 42 0 / 2 - 72 122 199 (239)  
loewe@kbexpert.cz

## Türkei

Enkay Elektronik SAN. ve TIC. LTD. Sti  
Levent. Cad. No: 46  
1. Levent 80600 Istanbul  
Tel. 00 90 / 216 - 523 00 10  
Fax 00 90 / 216 - 523 18 99  
mhatipo@yahoo.com

## Ungarn

Basys Magyarorszagi KFT.  
Epitok utja 2 - 4  
H - 2040 Budaörs  
Tel. 00 36 - 23 - 415 637 / 121  
Fax 00 36 - 23 - 415 182  
basys@mail.basys.hu

Änderungen vorbehalten

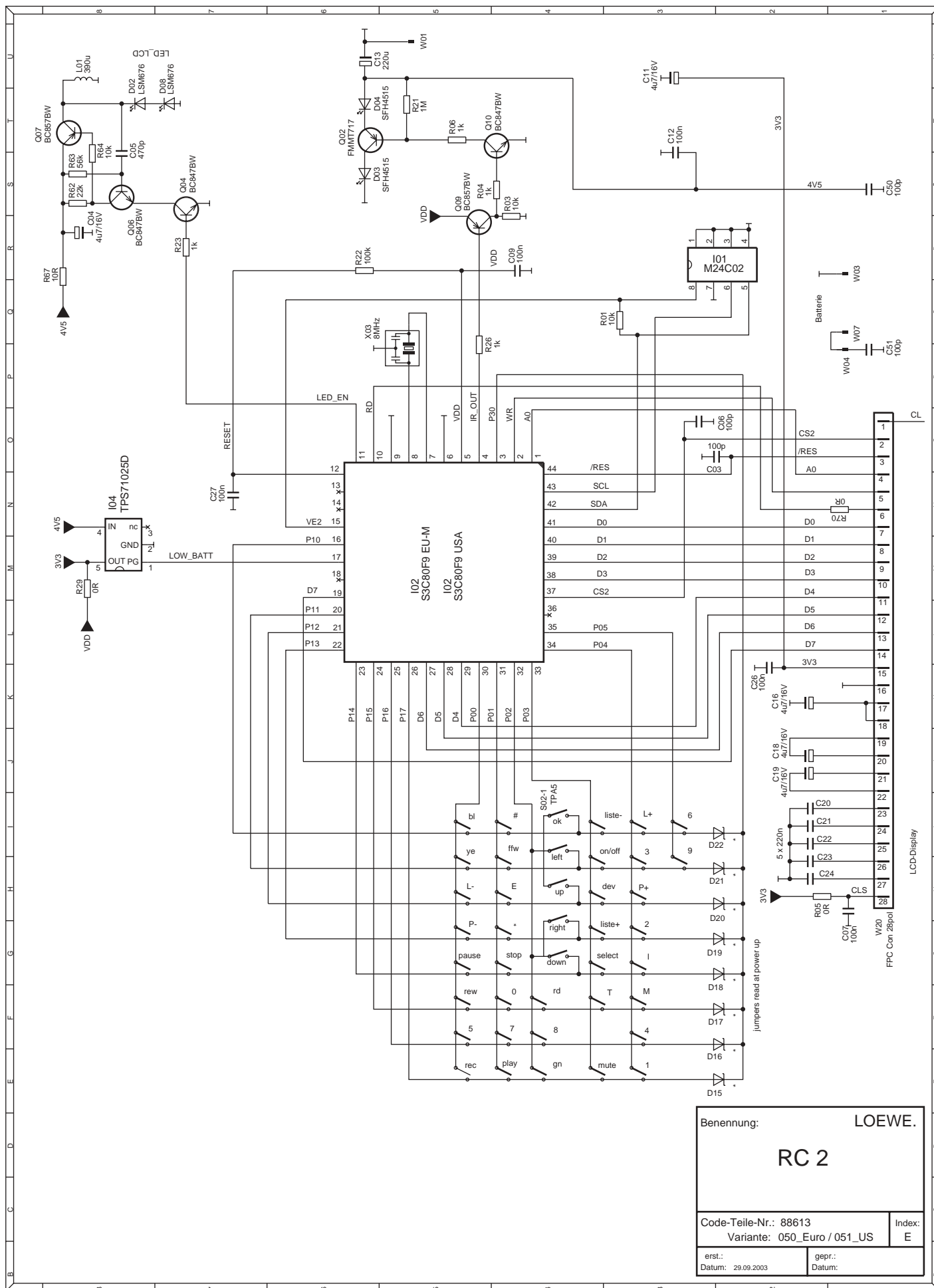
Subject to modification

Modification réserves

Con riserva di modifiche

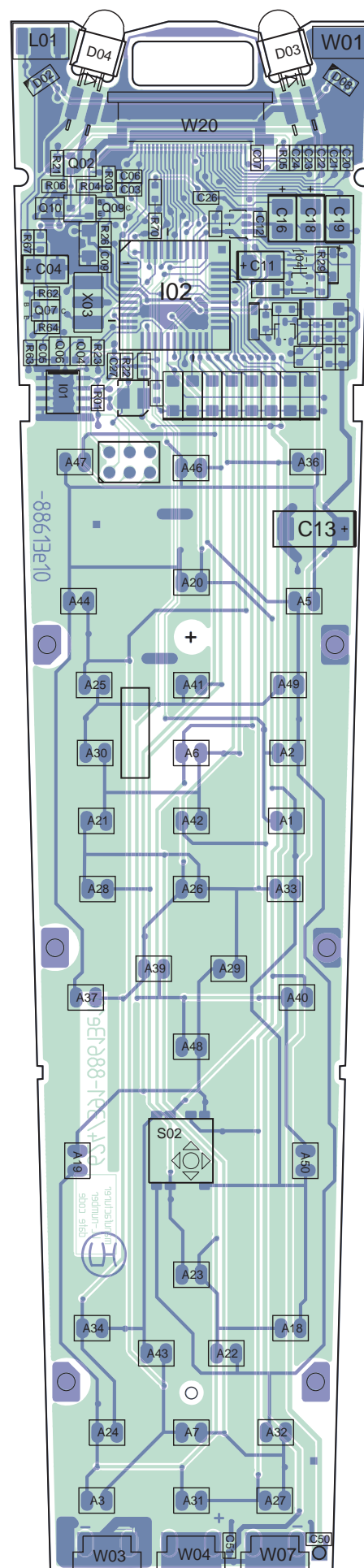
Reservado el derecho a introducir modificaciones

Wijzigingen voorbehouden



**Infrarot-Fernbedienung RC2 Euro 263-89500.A50**  
**Infrared Remote Control RC2 Euro 263-89500.A50**

**Infrarot-Fernbedienung RC2 US 263-89510.A00**  
**Infrared Remote Control RC2 US 263-89510.A00**



**Lpl. Fernbedienung RC2 Euro 88613E050/051** Bestückungsseite  
**Remote Control RC2 Euro 88613E050/051** Components side



Benennung: LOEWE.

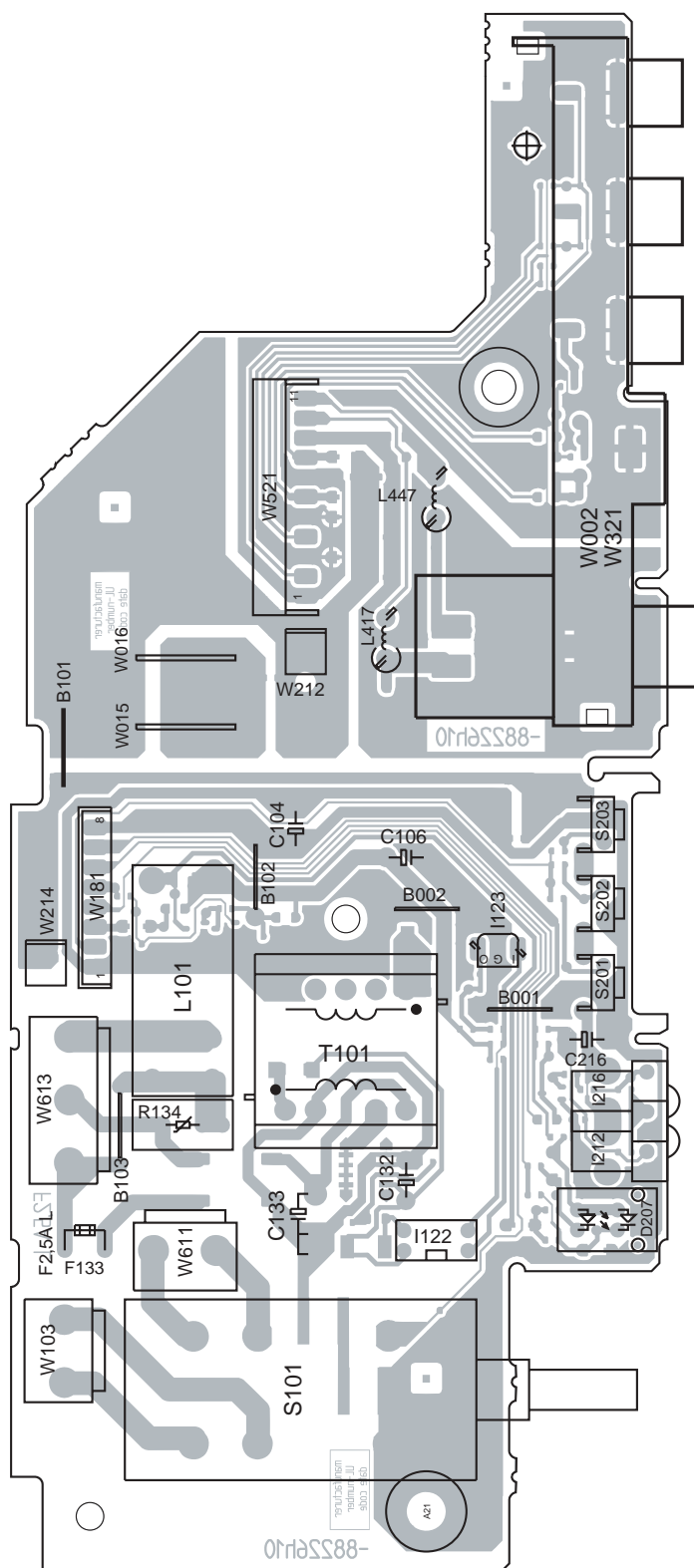
# Modul-Bedienung Q2500

Code-Teile-Nr.: 88226	Index:
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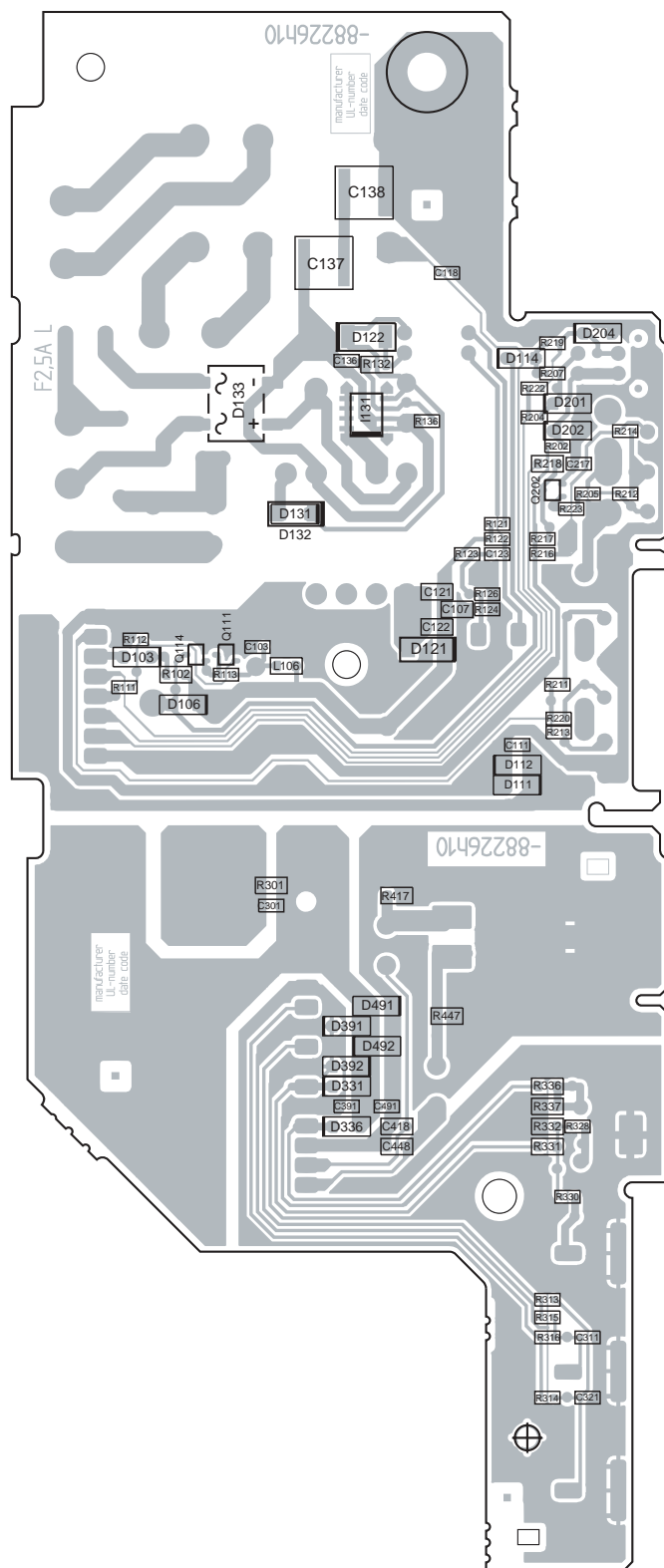
Variante: 053  
 H

erst.:	gepr.:
Datum: 17.10.2003	Datum:

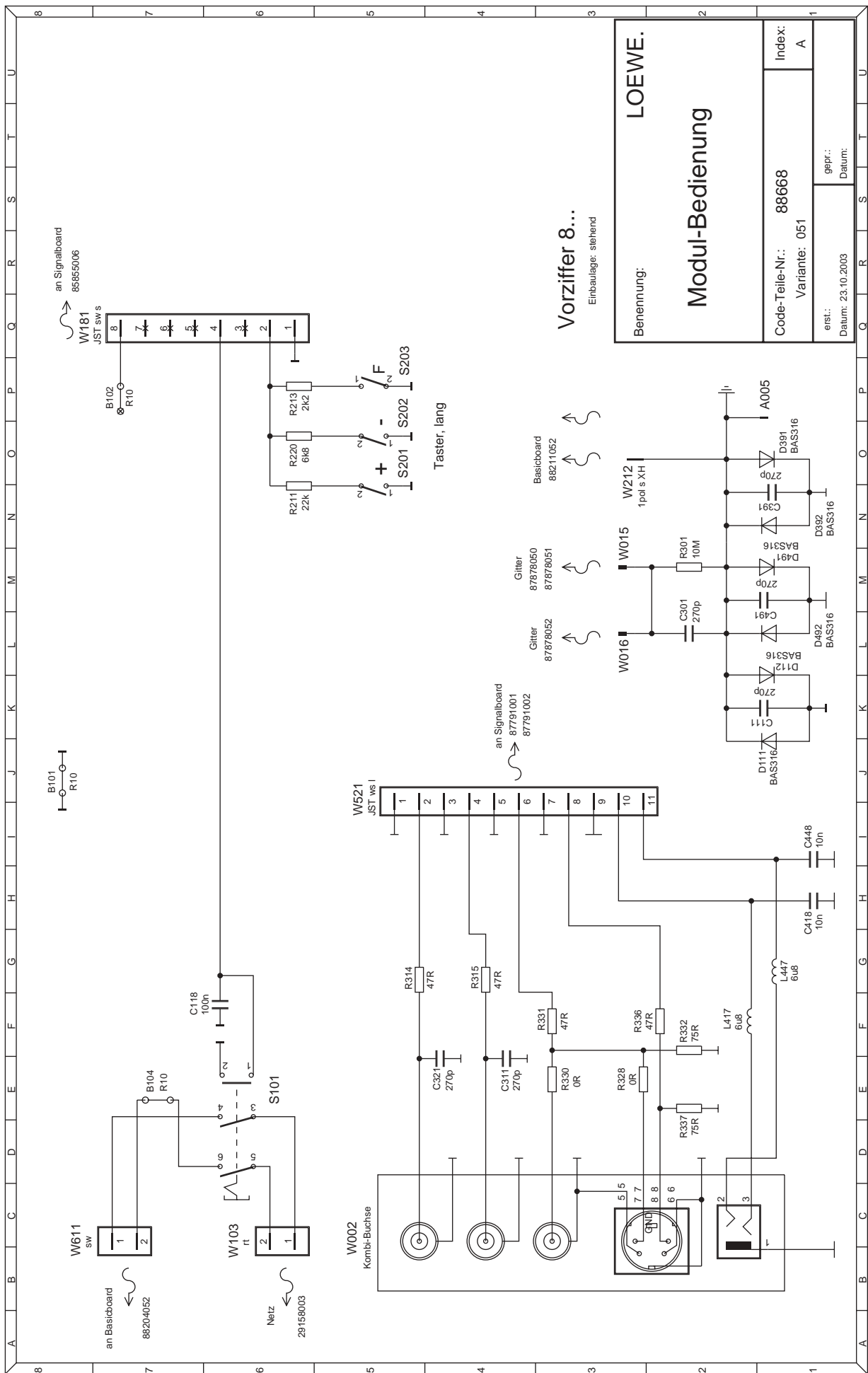




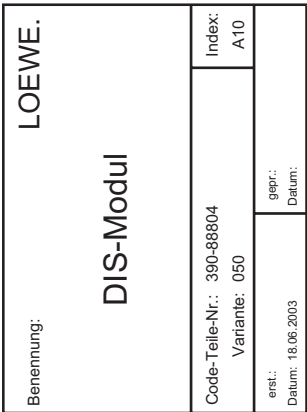
**Lpl. Bedienteil 88226H** Bestückungsseite  
**Control Unit P.C.B 88226H** Components side

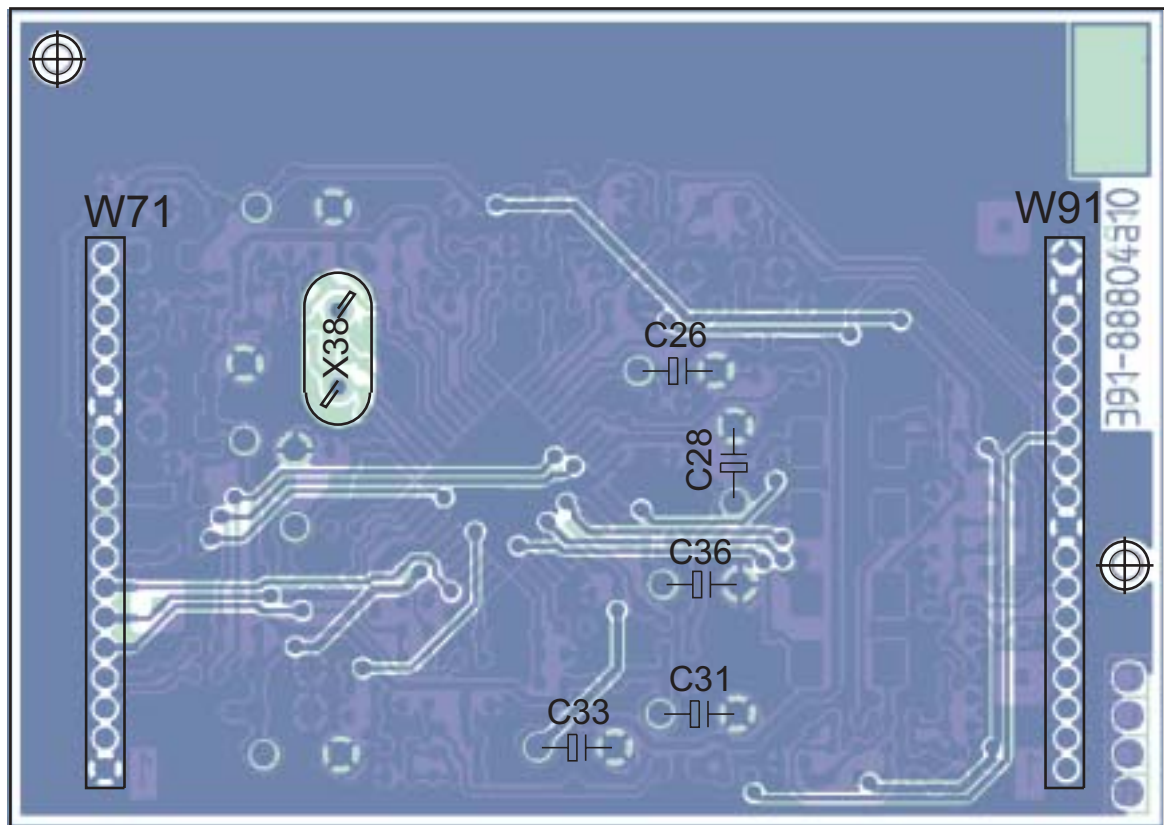


**Lpl. Bedienteil 88226H** Lötseite  
**Control Unit P.C.B 88226H** Solder side

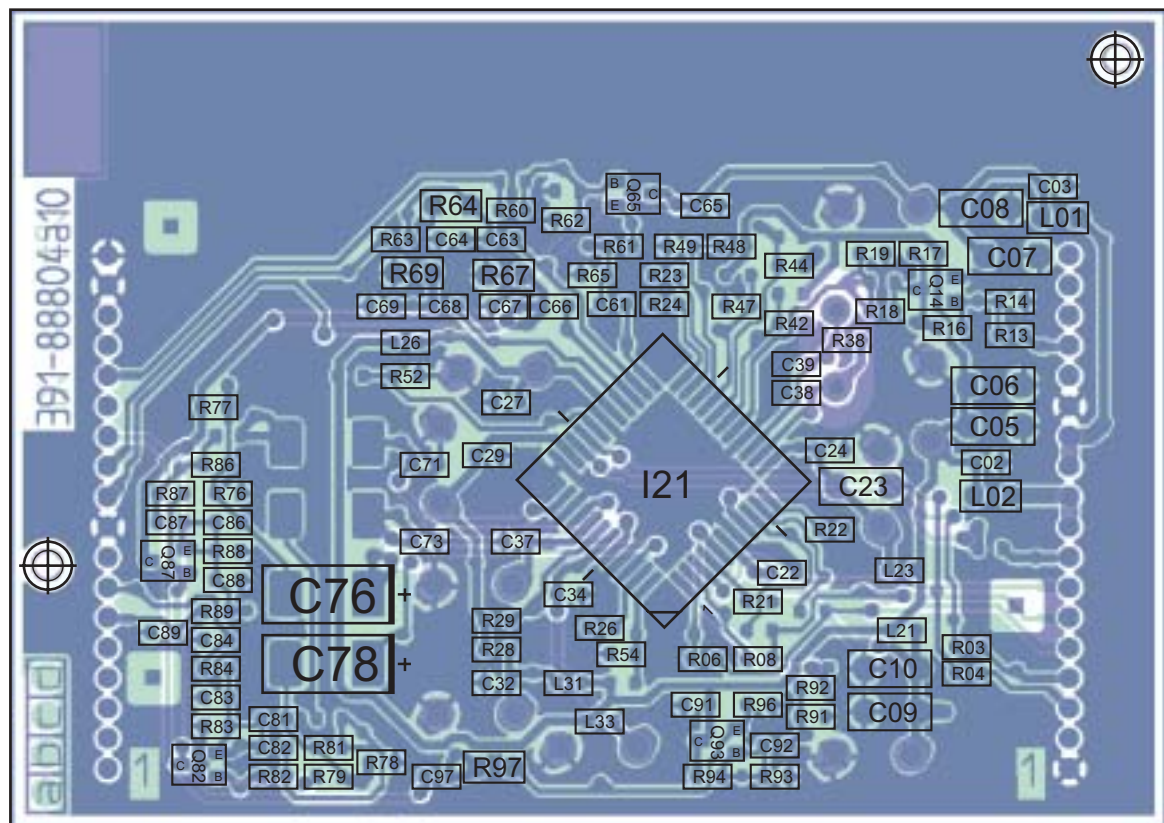






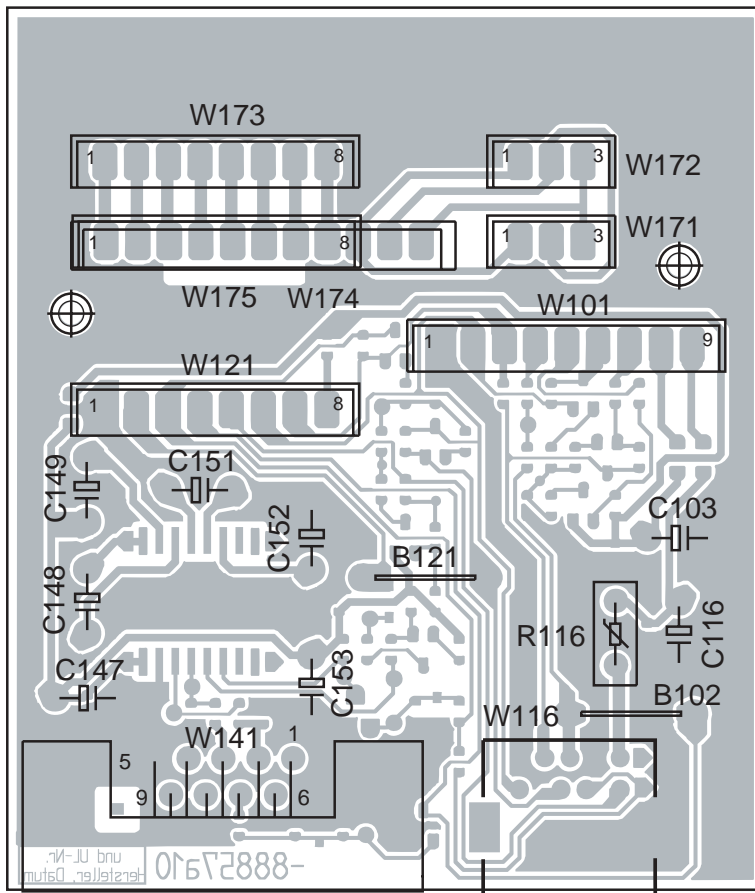


**Lpl. DIS-Modul 88804A** Bestückungsseite  
**DIS Module P.C.B 88804A** Components side

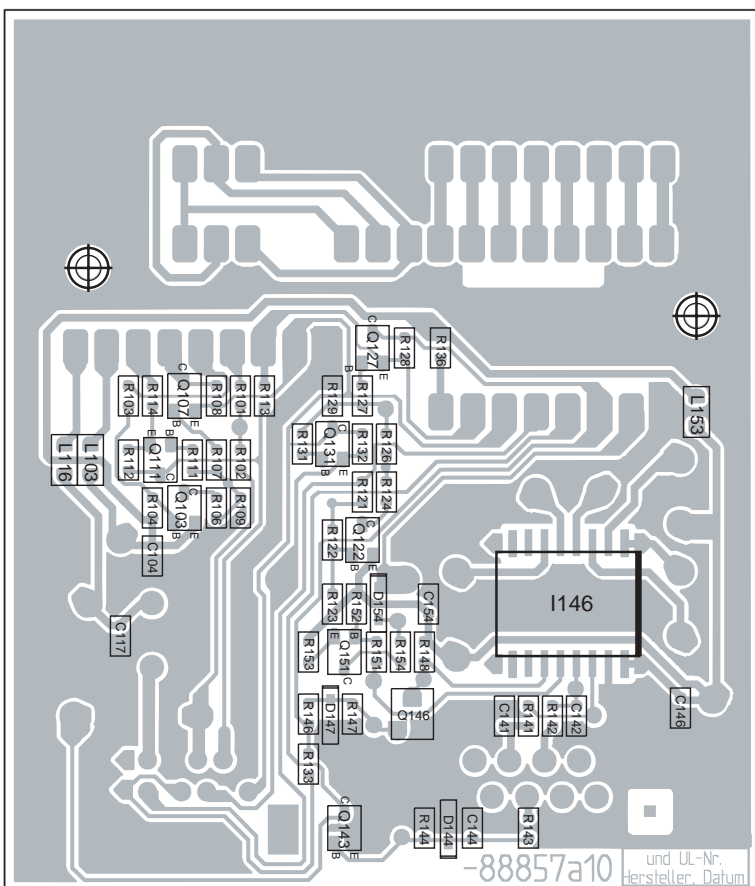


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**DIS Module P.C.B 88804A** Solder side



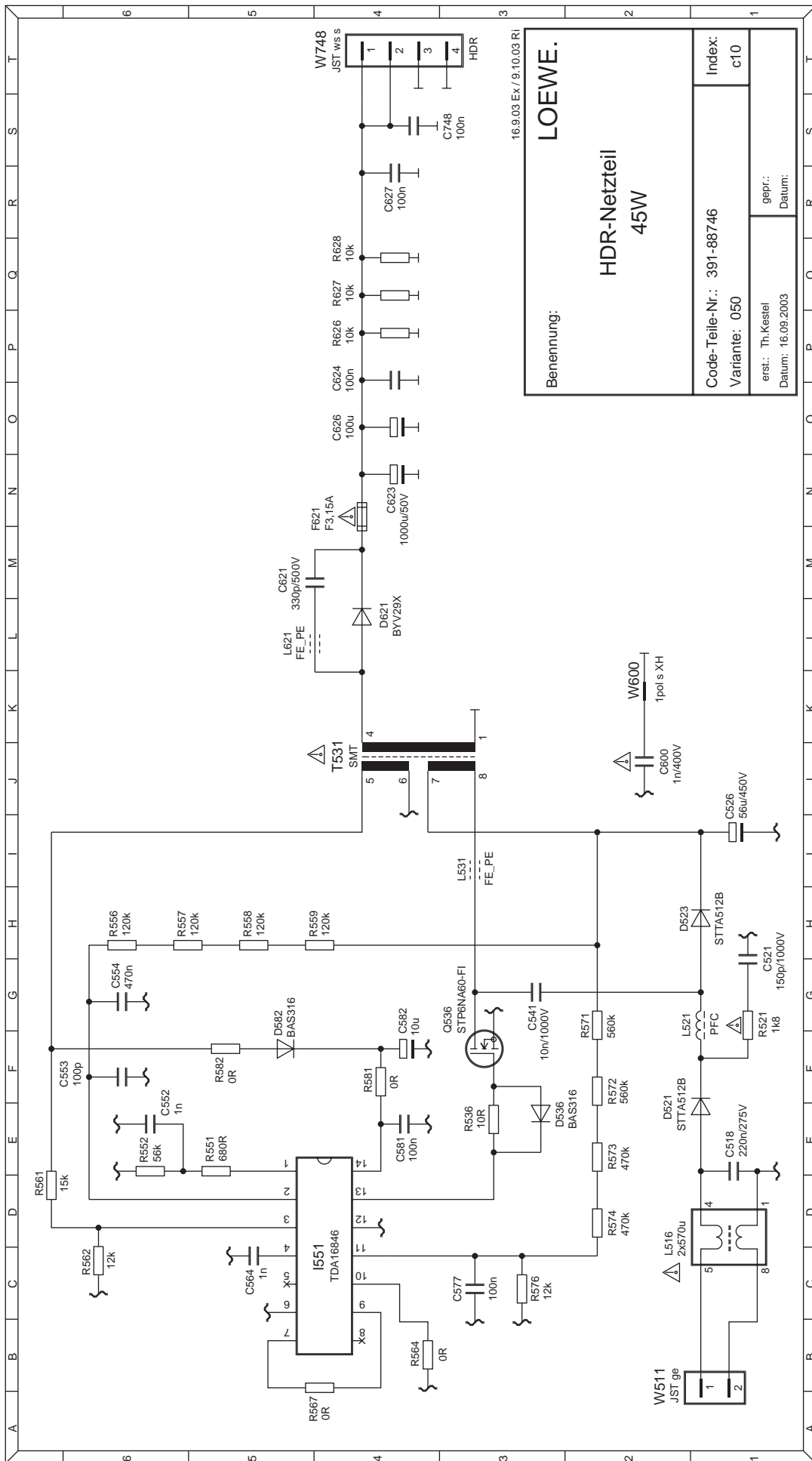


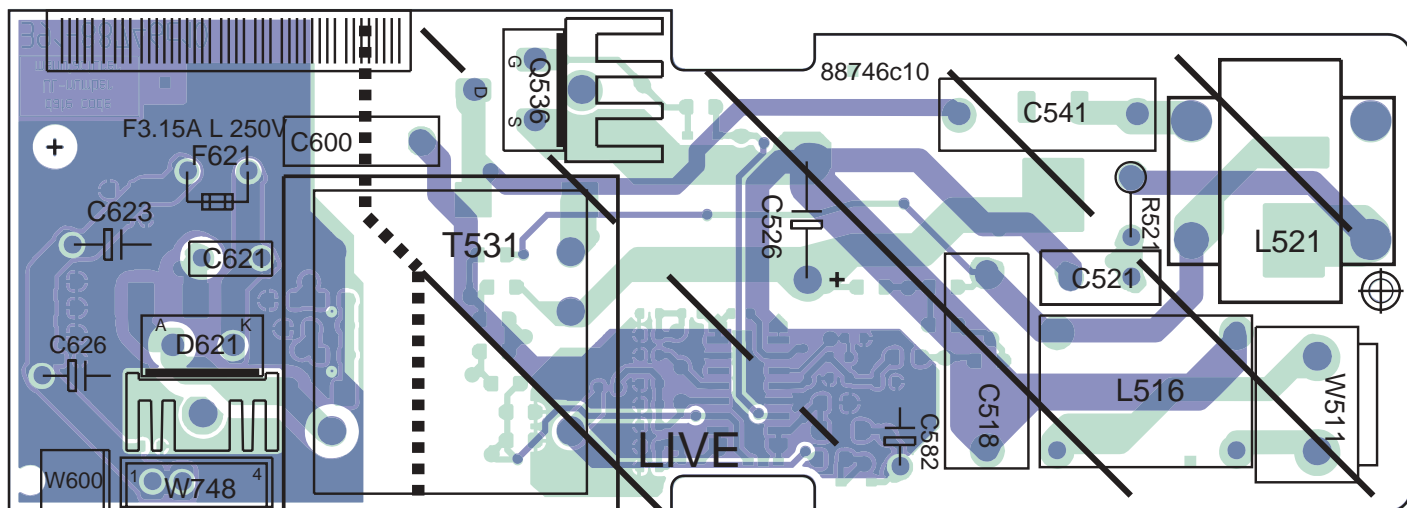
**Lpl. S-Link-Erweiterung 88557A** Bestückungsseite  
**S-Link Extension P.C.B 88557A** Components side



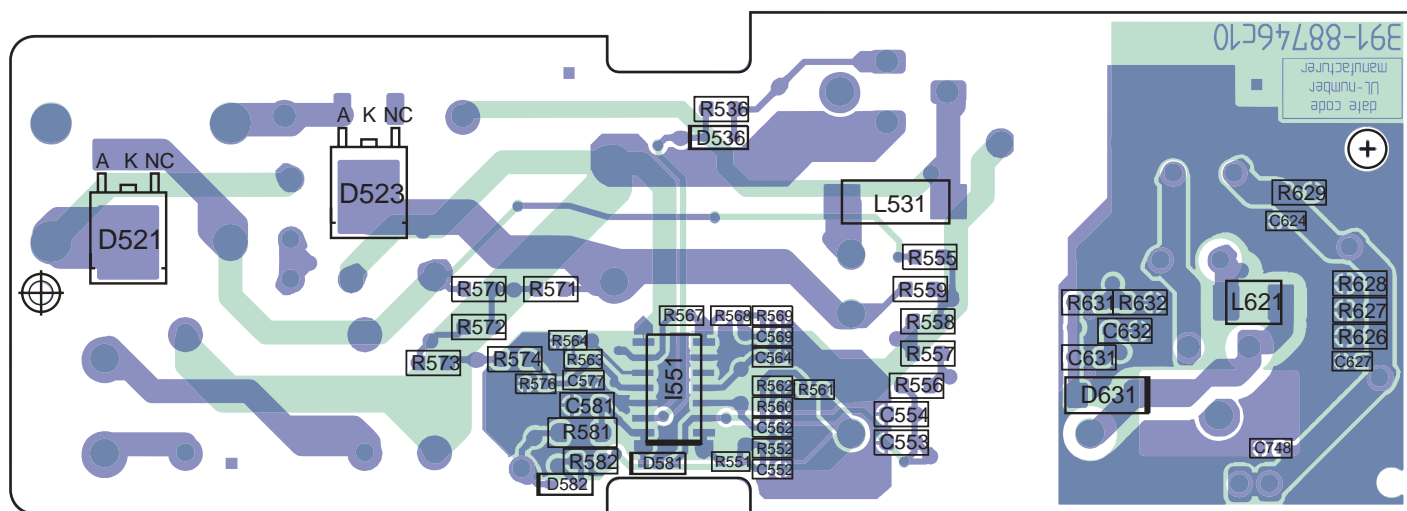
**Lpl. S-Link-Erweiterung 88557A** Lötseite  
**S-Link Extension P.C.B 88557A** Solder side

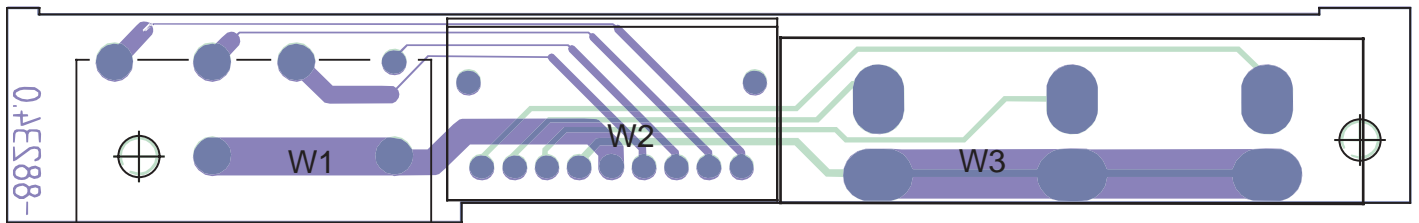
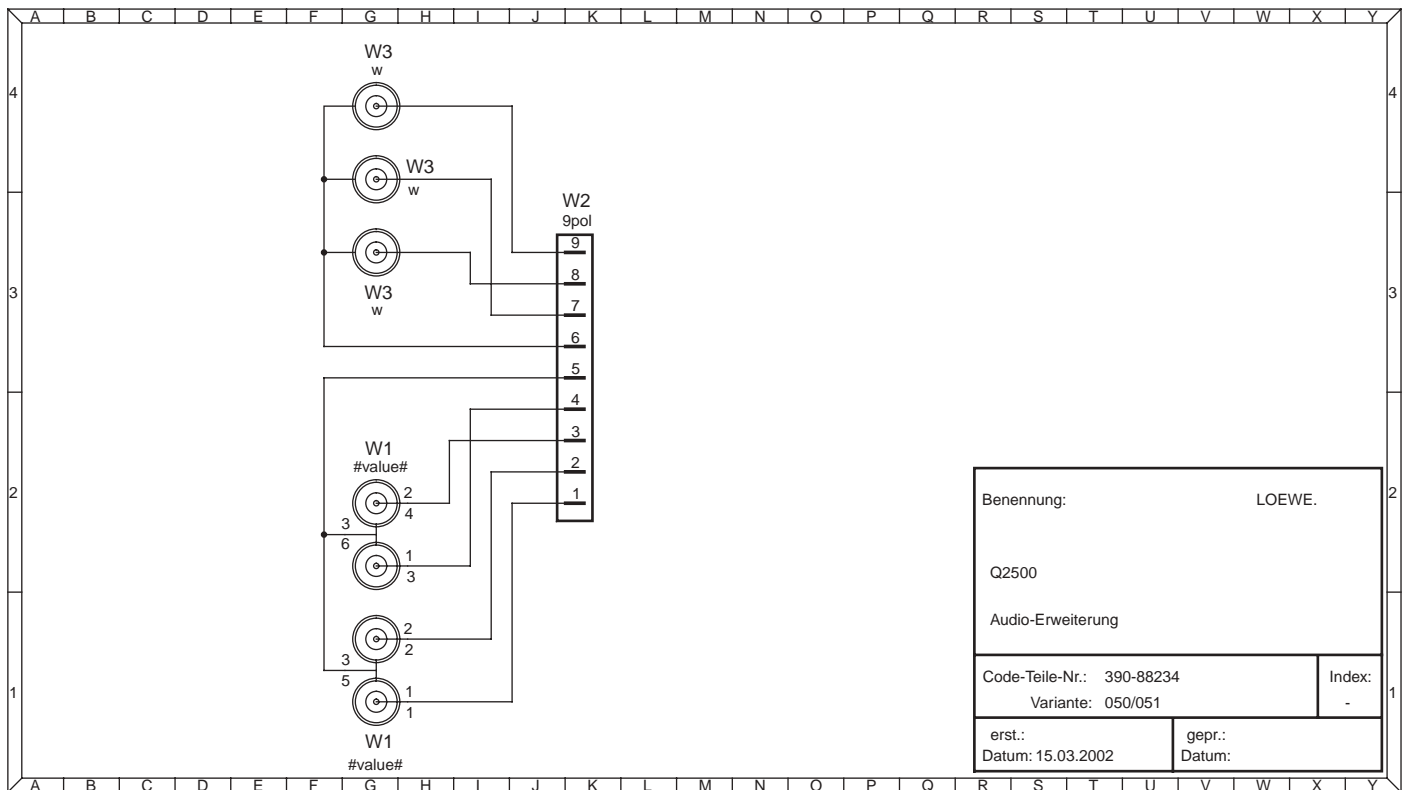




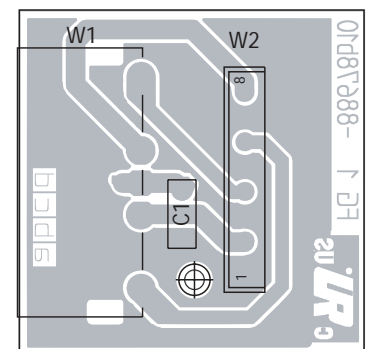
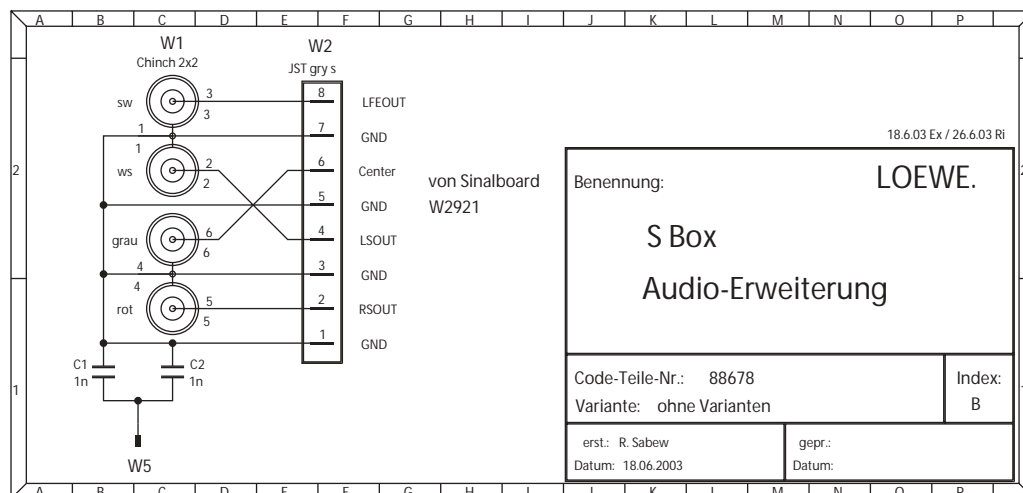


**Lpl. Netzteil HDR 88746C** Bestückungsseite • **HDR Power Supply 88746C** Components side

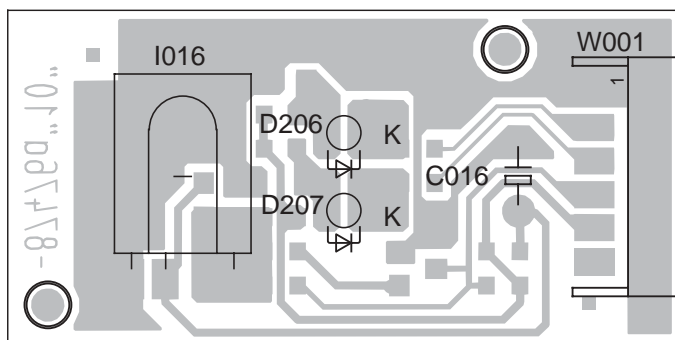
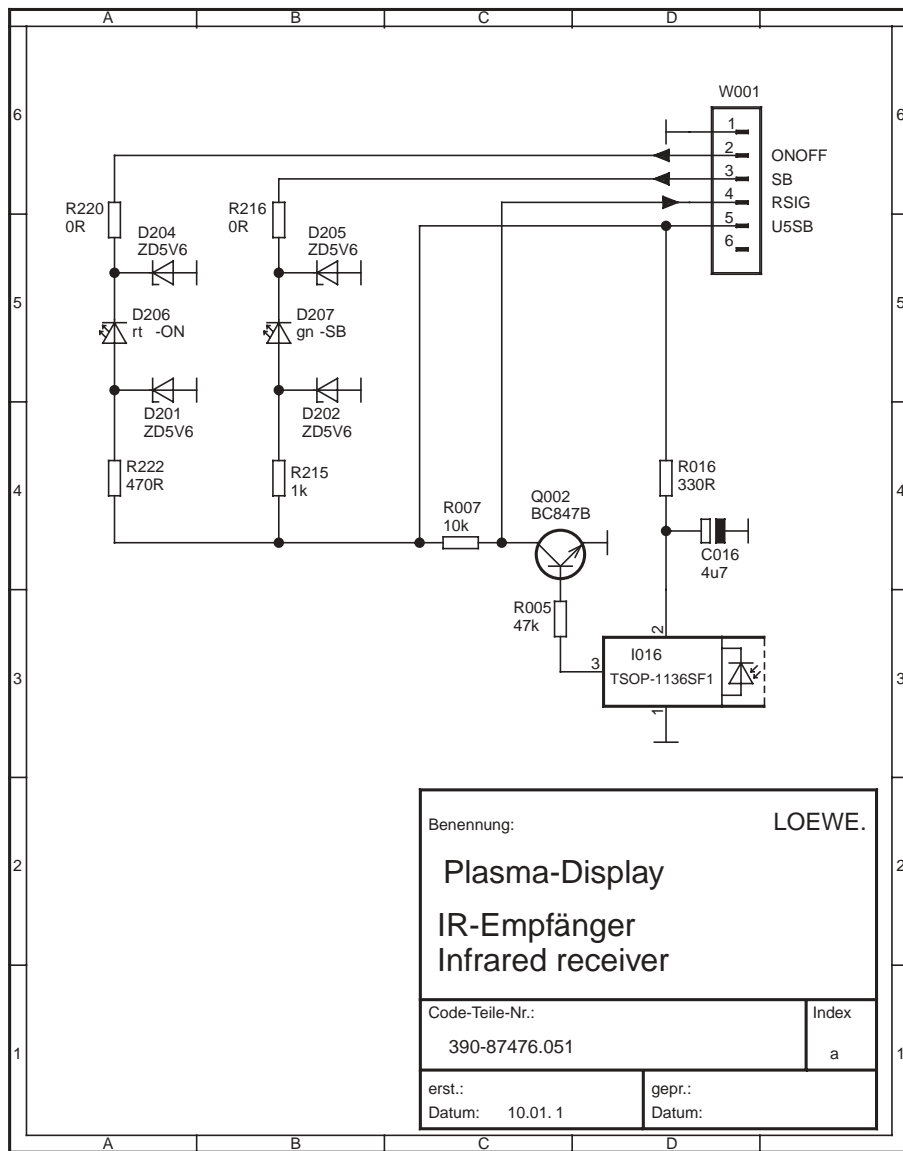




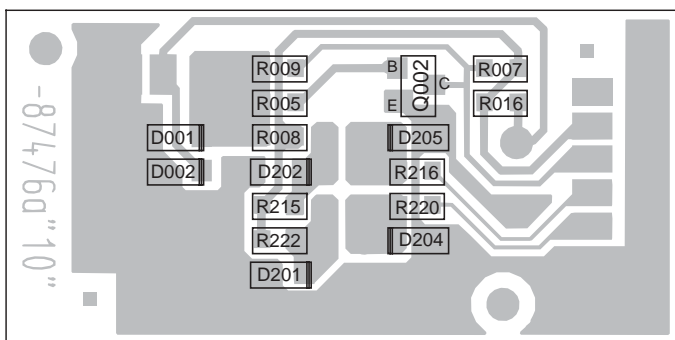
**Ltpl. Audio-Erweiterung 88234** Bestückungsseite • **Audio Extension P.C.B 88234** Components side



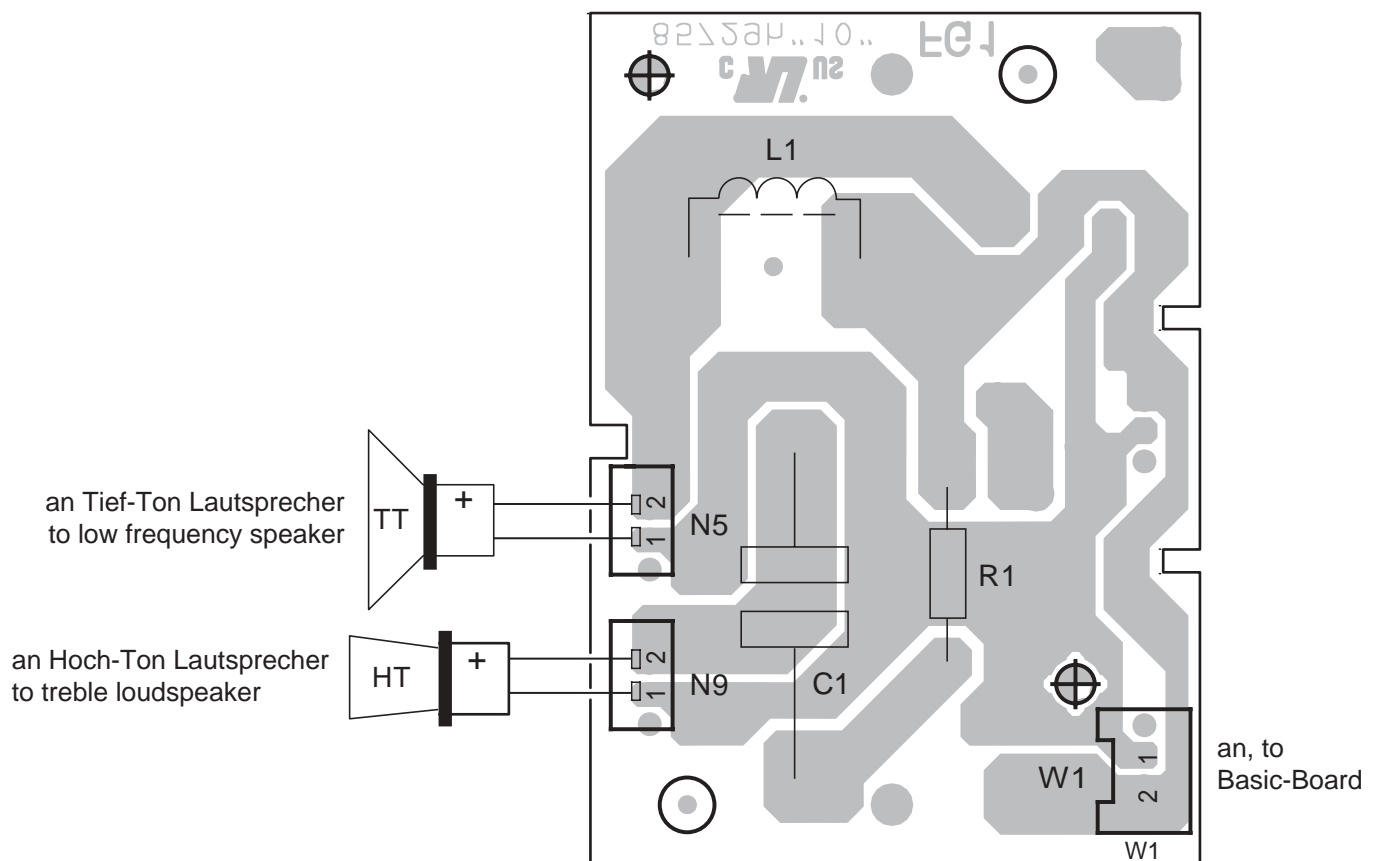
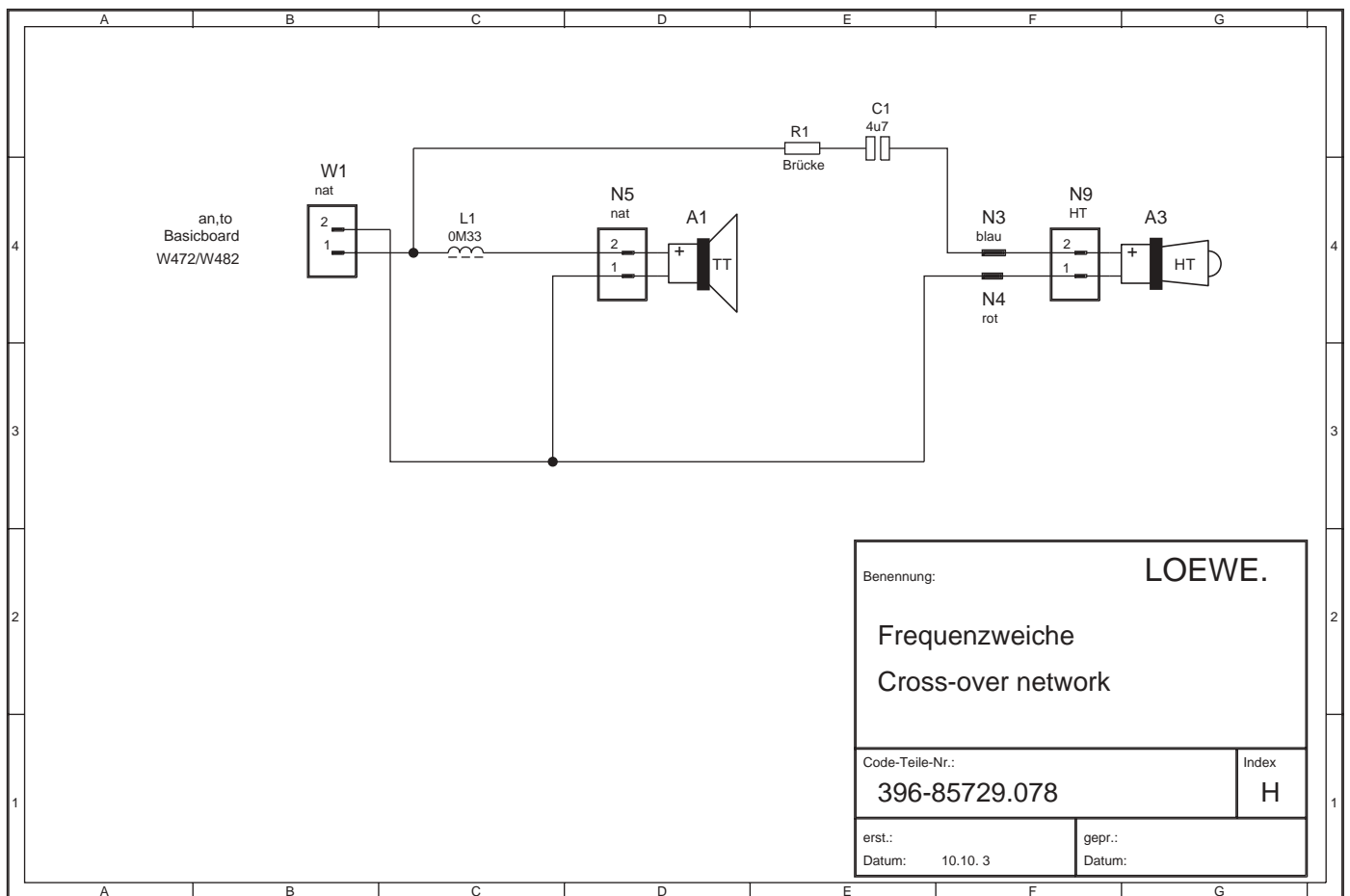
**Ltpl. Audio-Erweiterung 88678B**  
Bestückungsseite  
**Audio Extension P.C.B 88678B**  
Components side

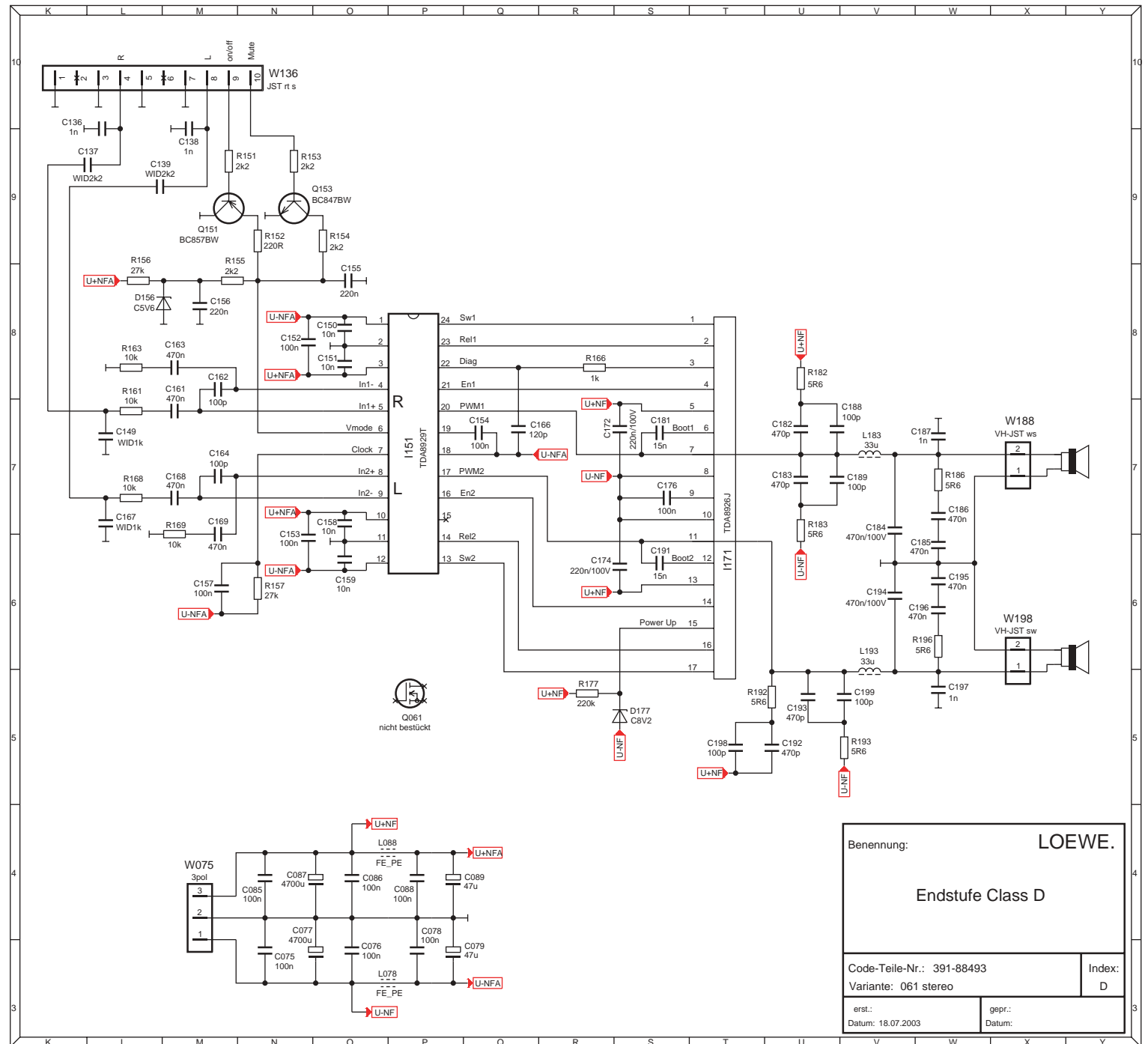


**Lpl. IR-Empfänger 87476A**  
 Bestückungsseite  
**Infrared receiver P.C.B 87476A**  
 Components side



**Lpl. IR-Empfänger 87476A**  
 Lötseite  
**Infrared receiver P.C.B 87476A**  
 Solder side

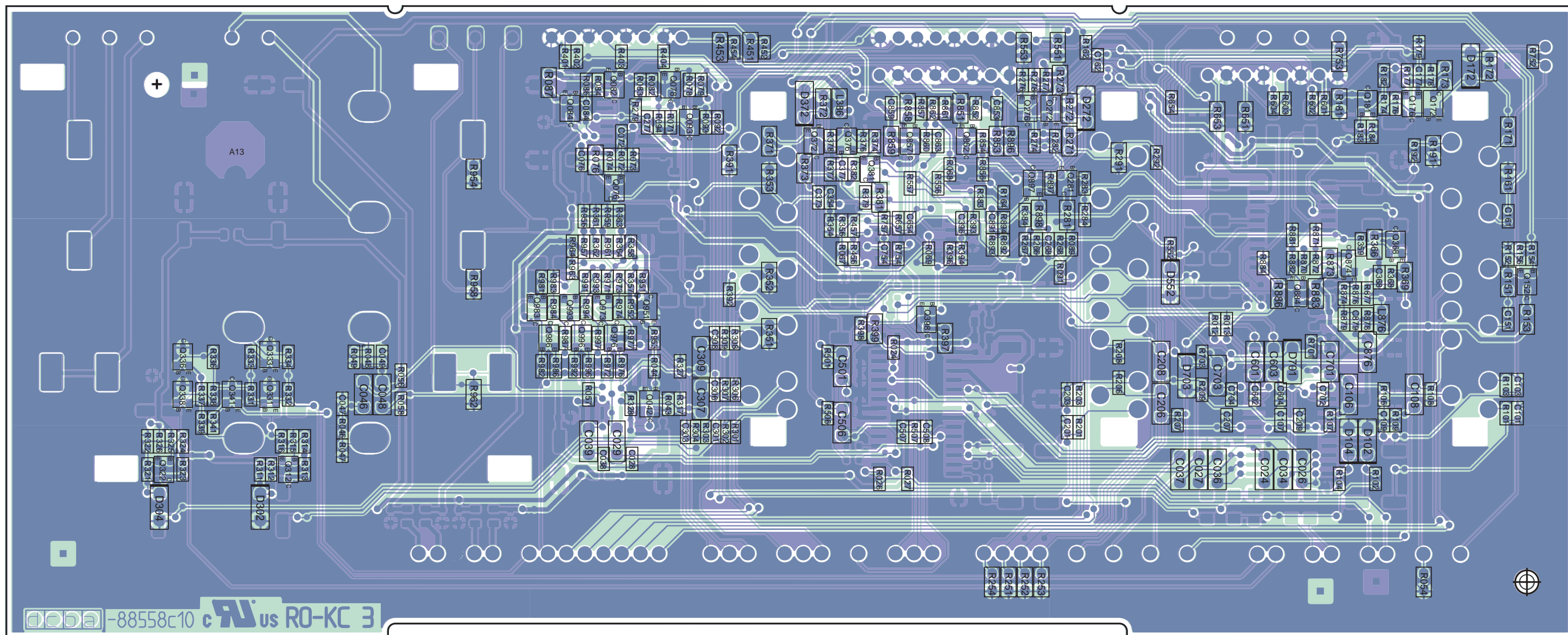








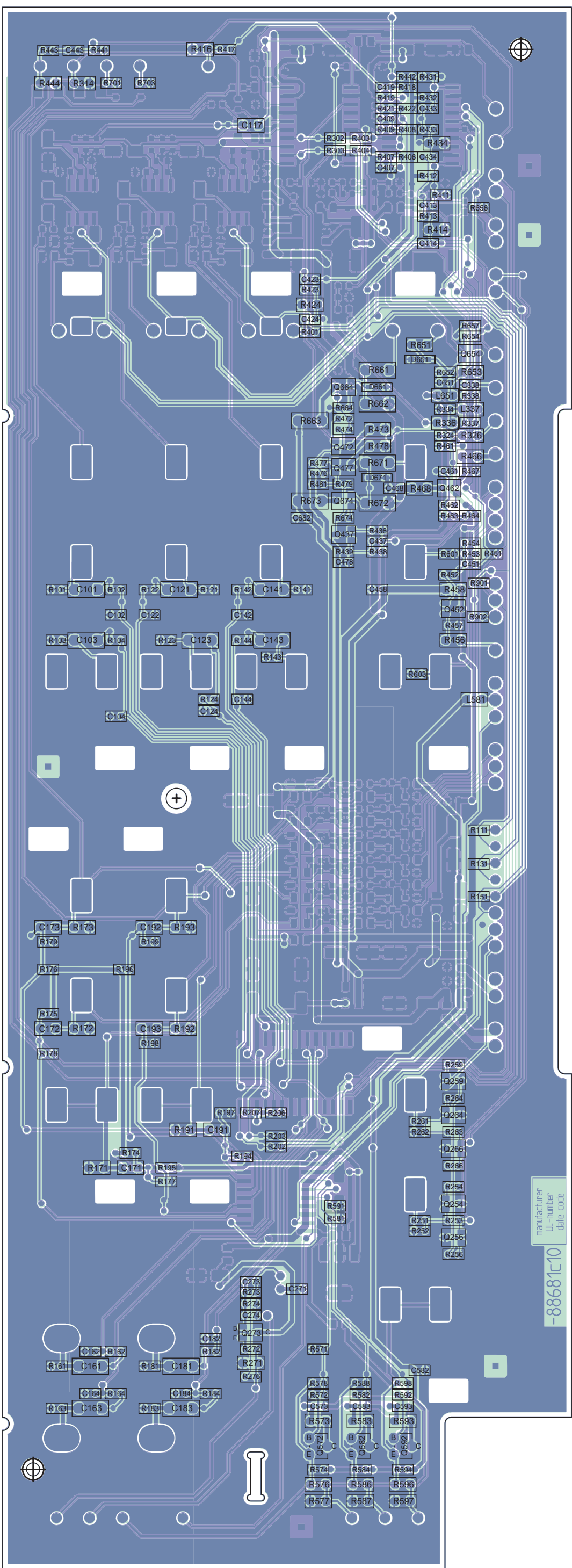




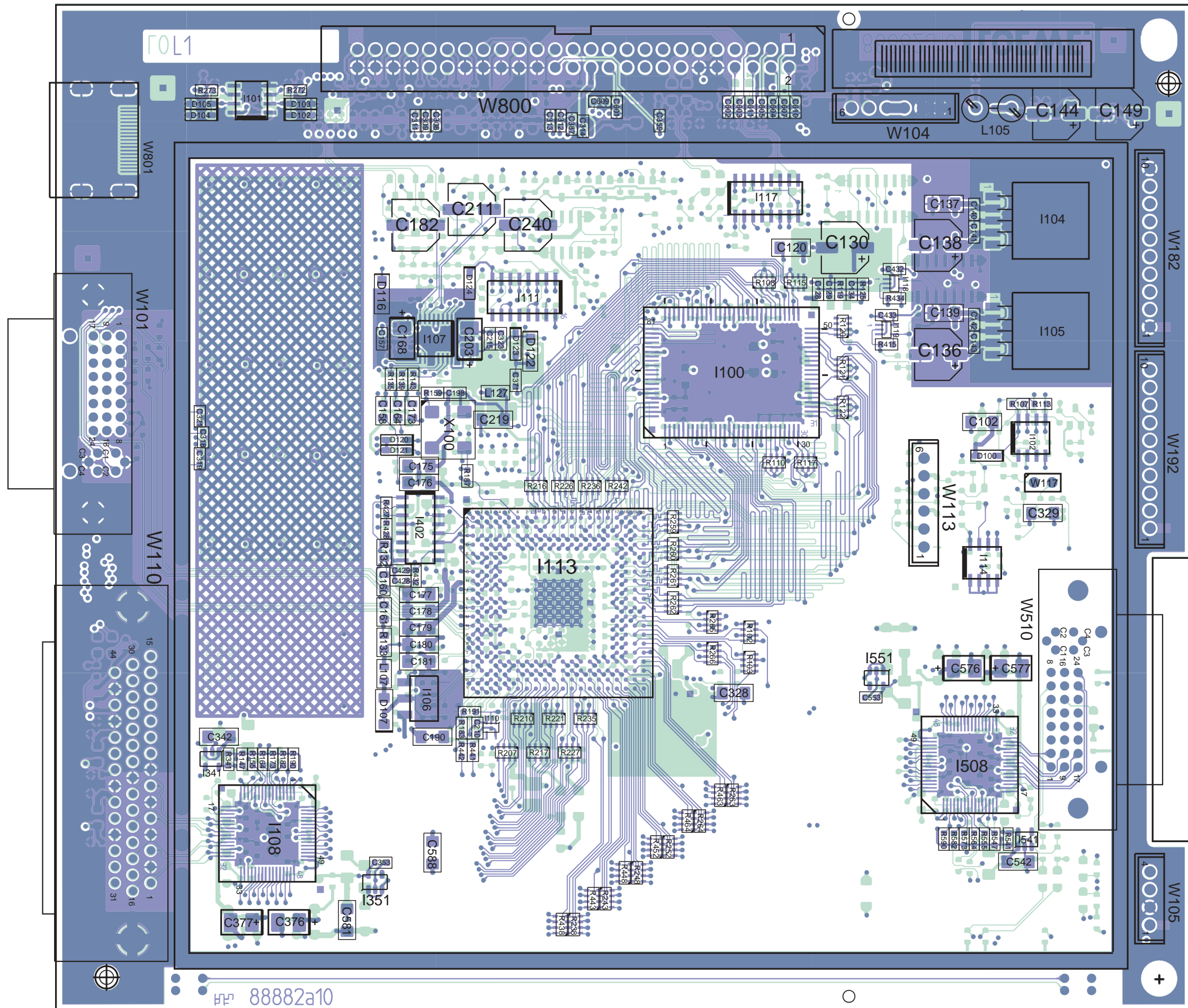
Lpl. Rear Board 88558C Lötseite • Rear Board P.C.B 88558C Solder side







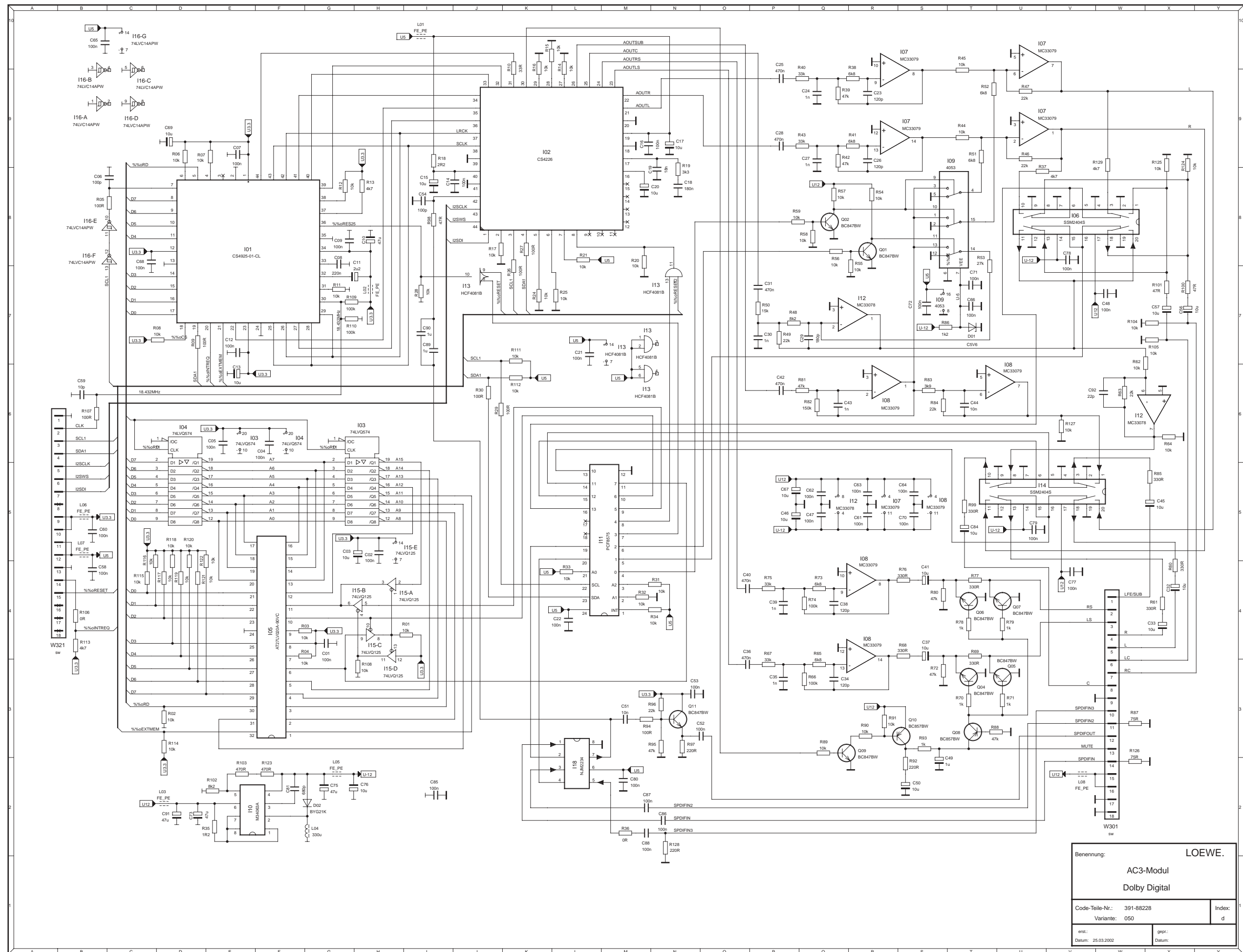
Lpl. Rear-Board S-Box USA 88681C Lötseite • Rear Board S-Box USA P.C.B 88681C Solder side



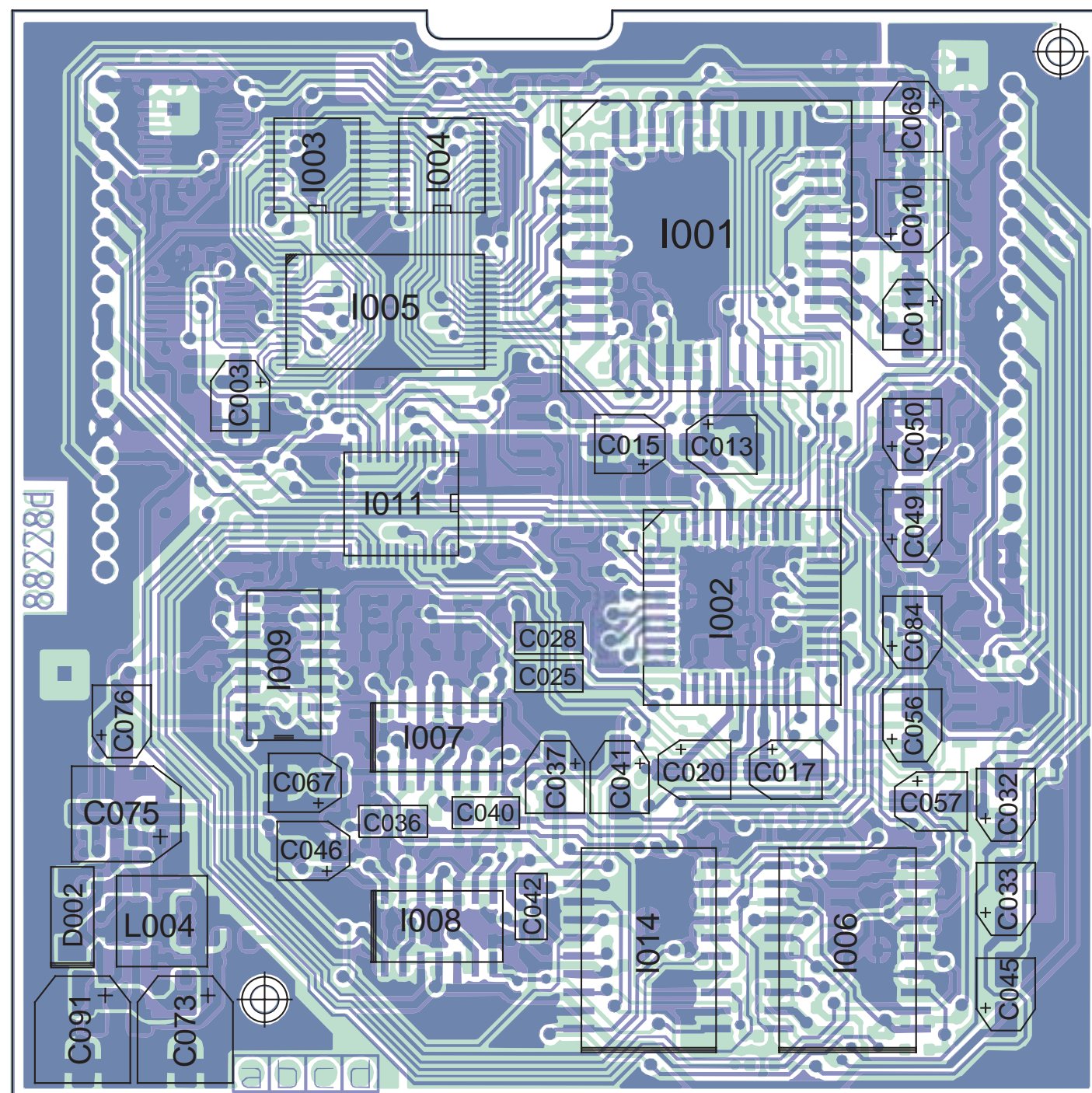
Lpl. Scaler Board 88882A Bestückungsseite • Scaler Board P.C.B 88882A Components side



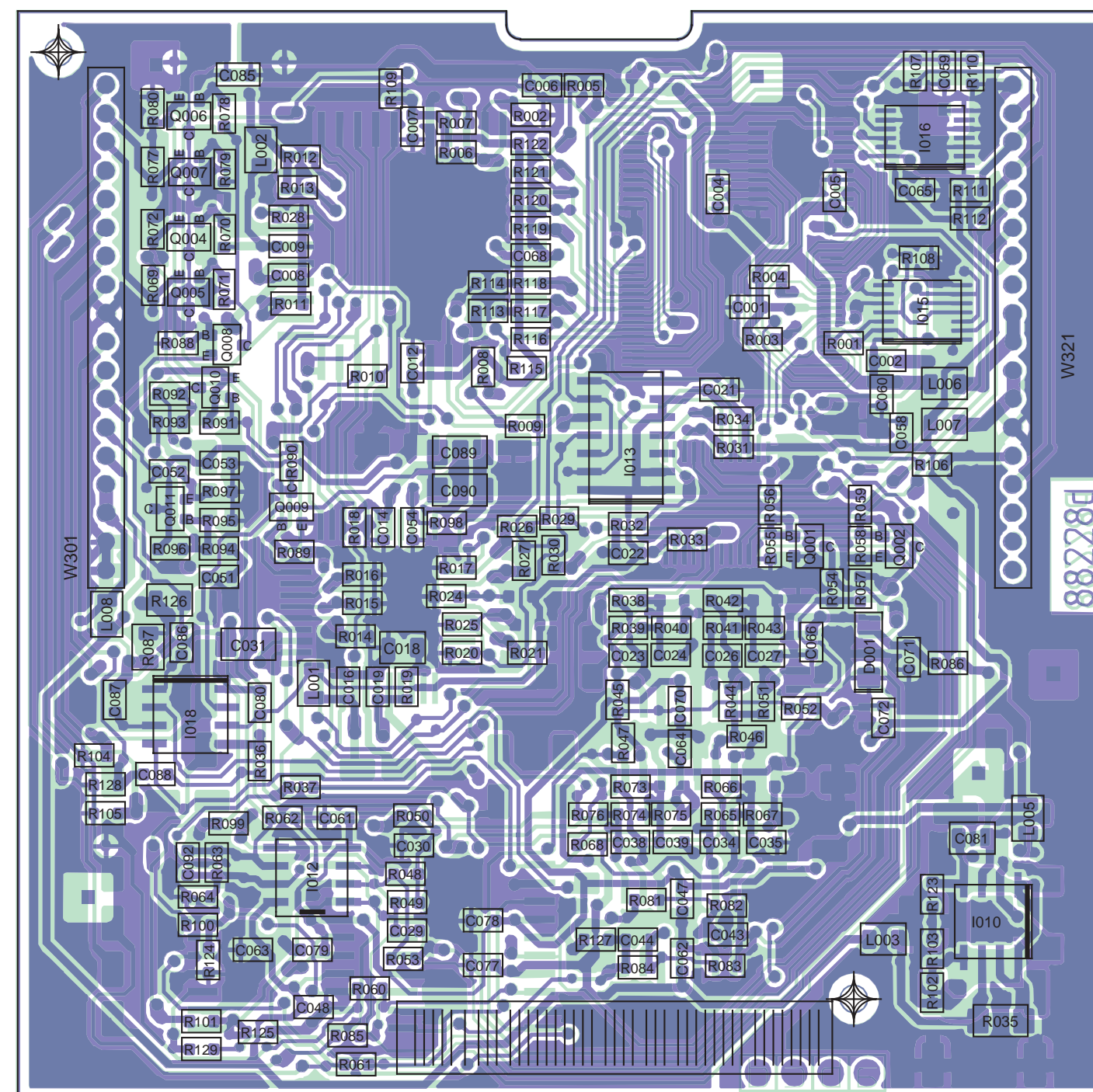




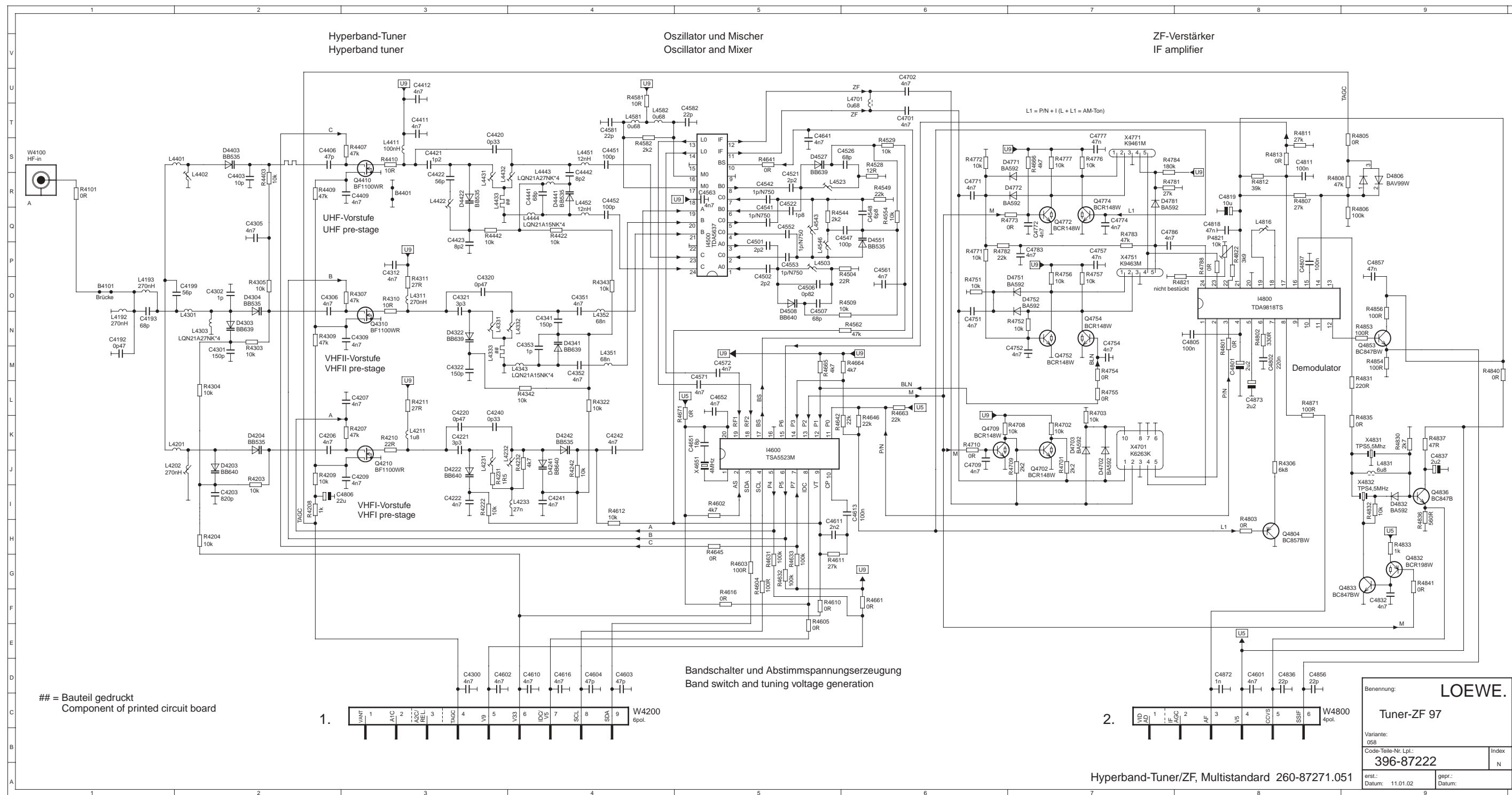


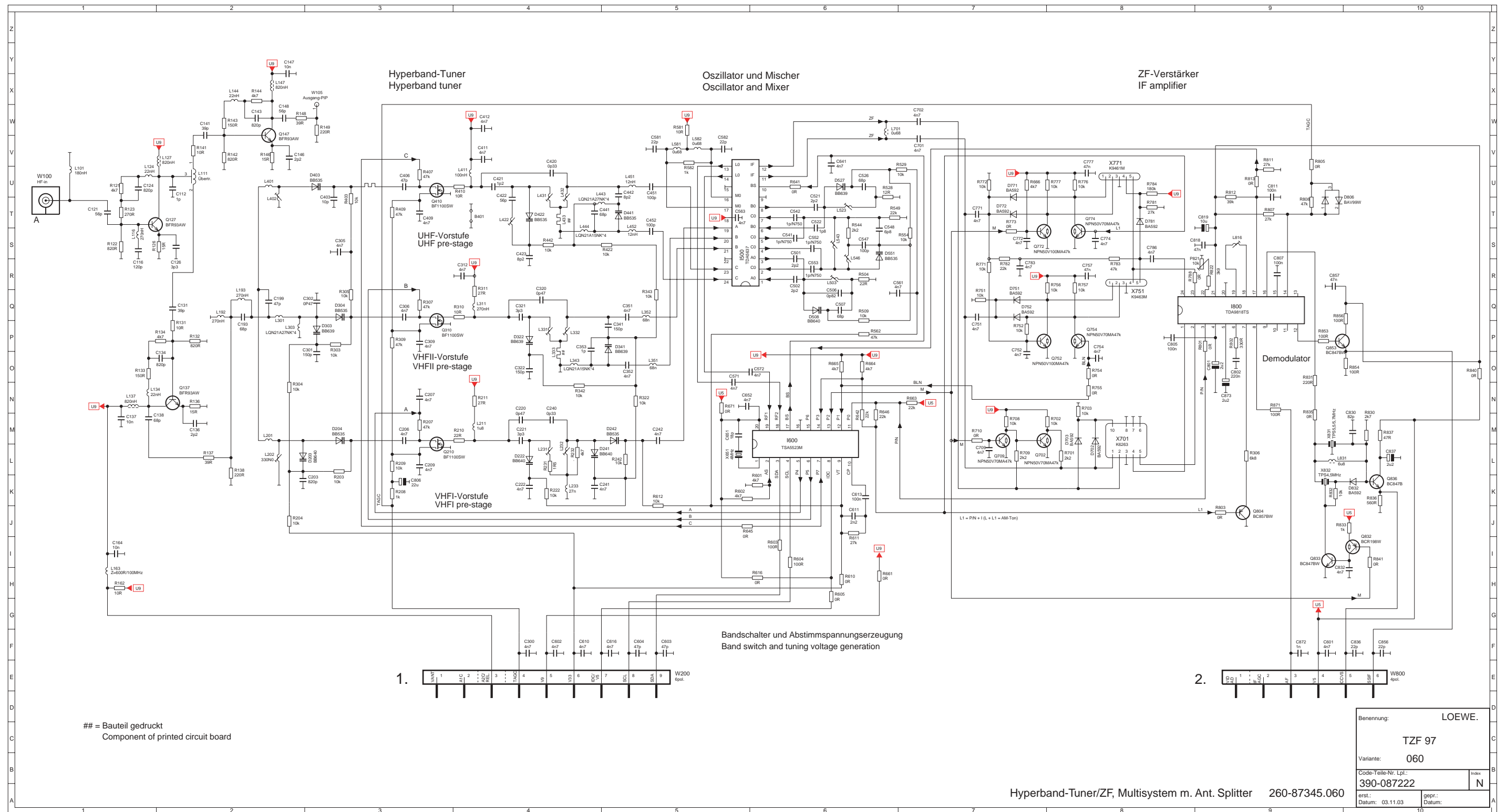


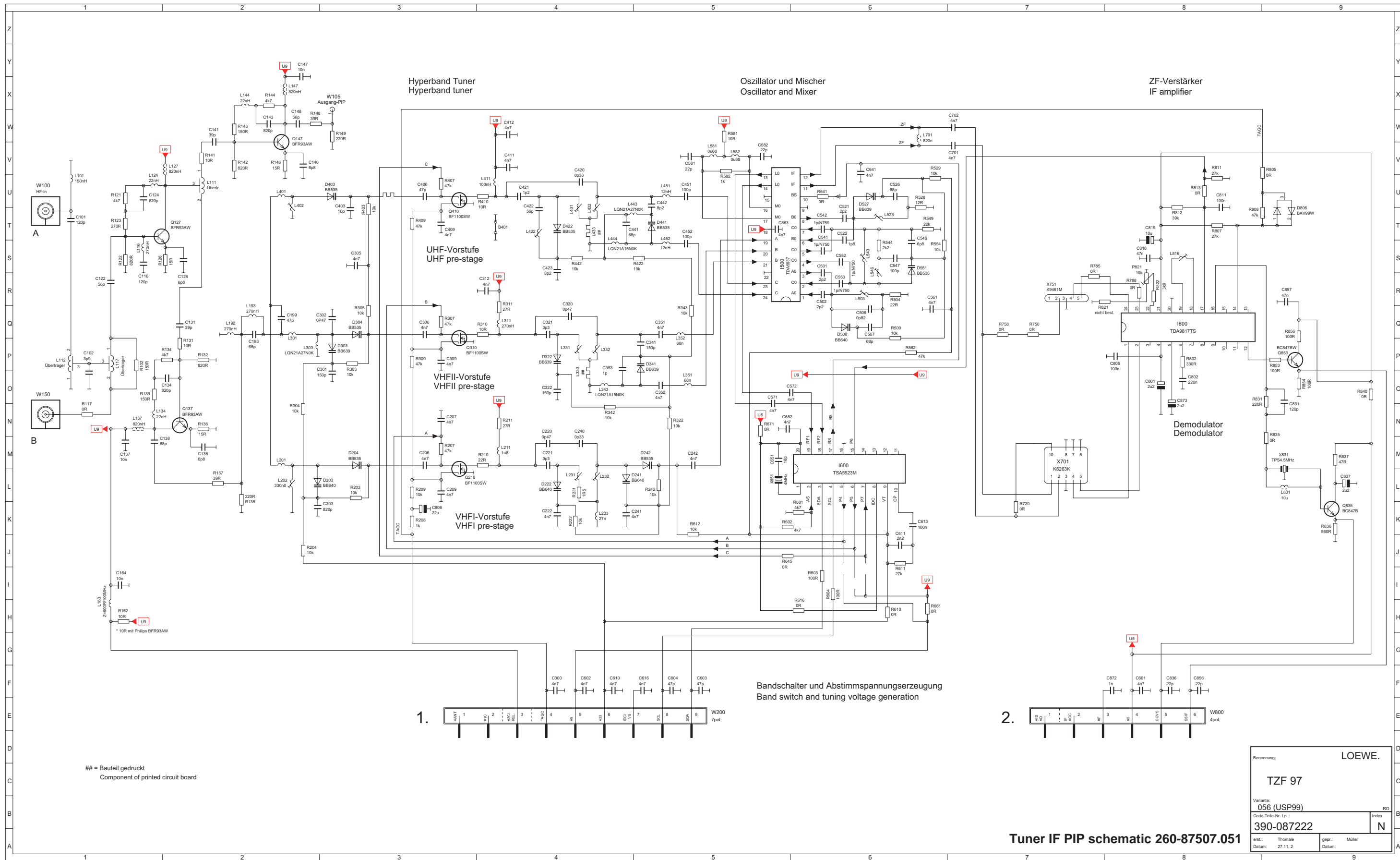
**Lpl. AC3 88228D** Bestückungsseite • **AC3 P.C.B 88228D** Components side



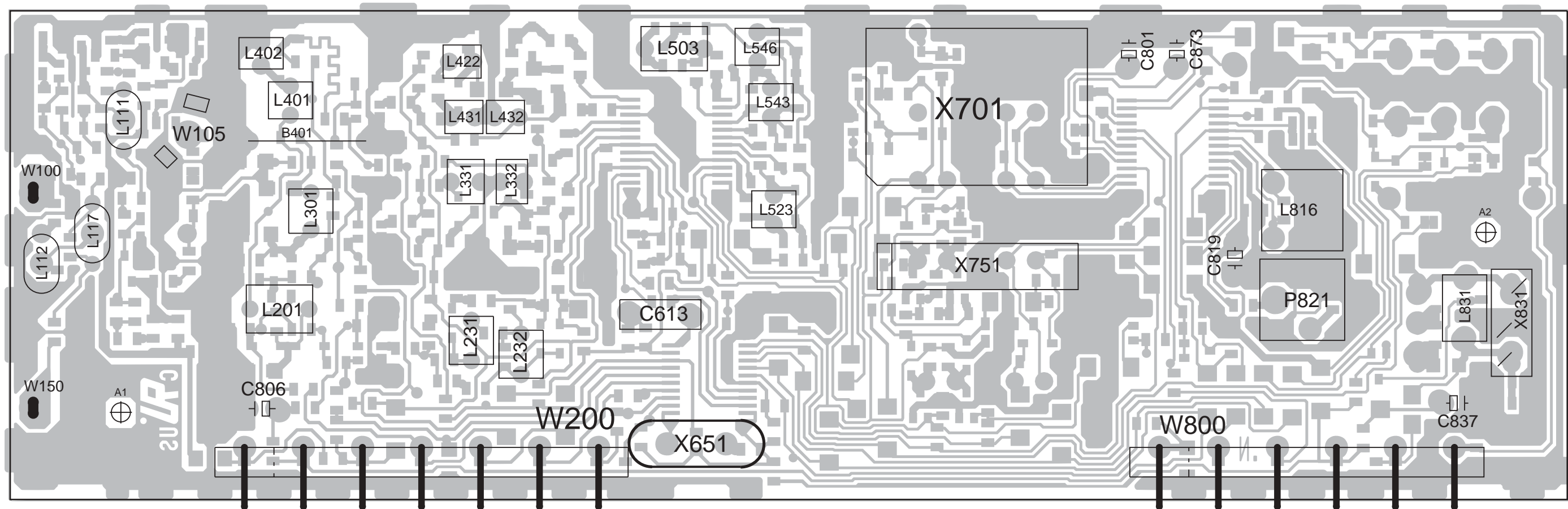
**Lpl. AC3 88228D** Lötseite • **AC3 P.C.B 88228D** Solder side



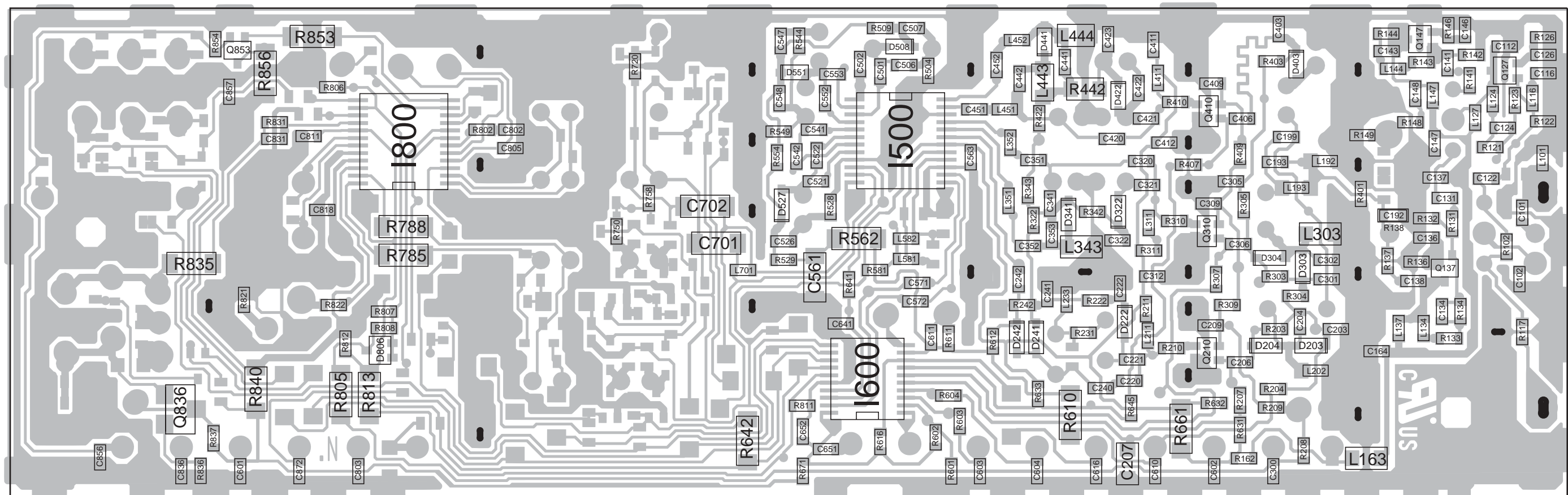






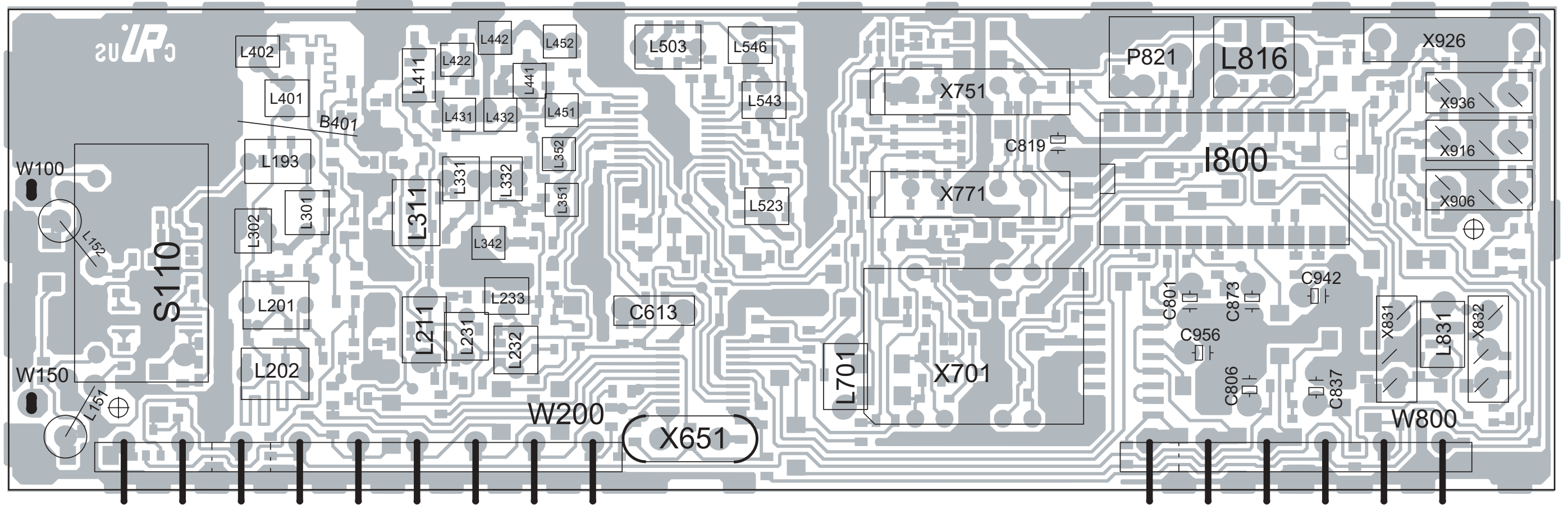


### Tuner/IF P.C.B 87222N Components side

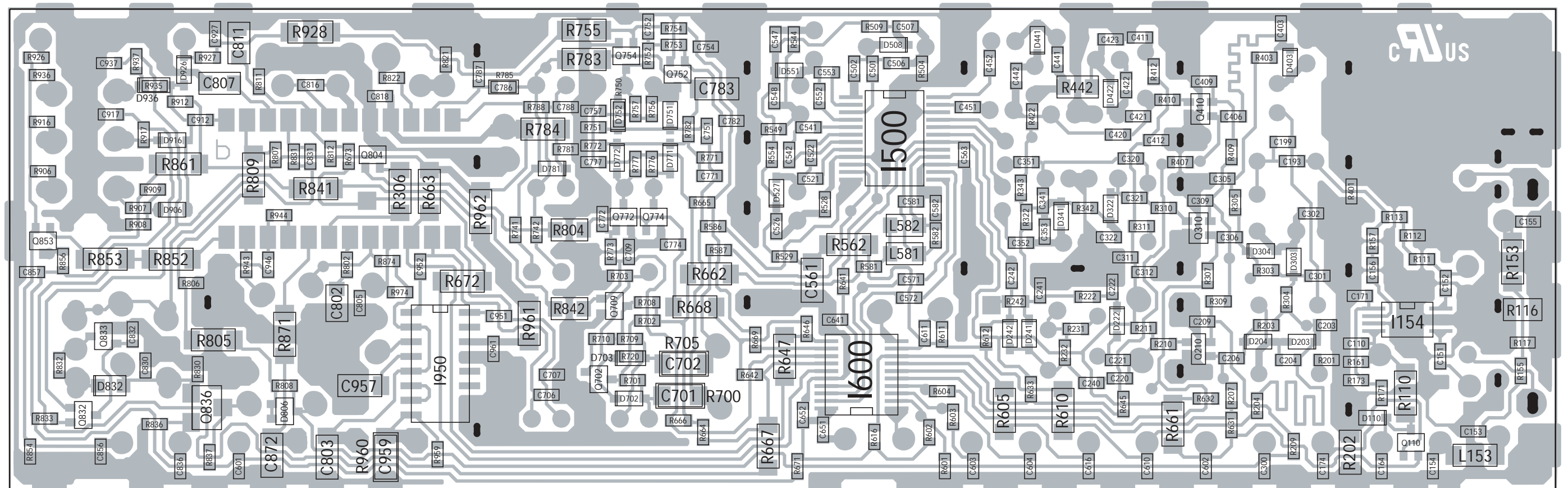


**Tuner/IF P.C.B 87222N** Solder side



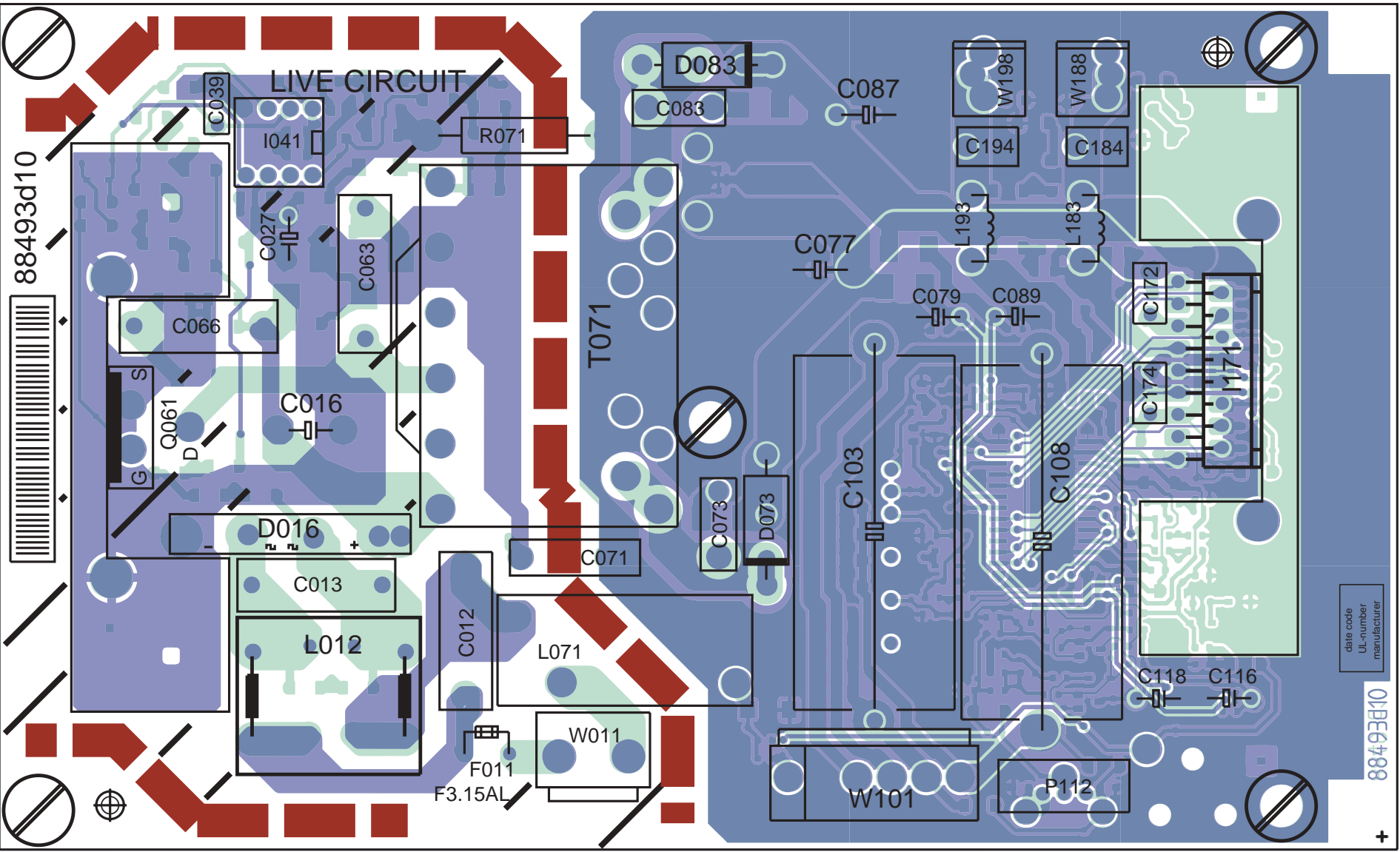


Tuner/IF P.C.B. 87526B Components side

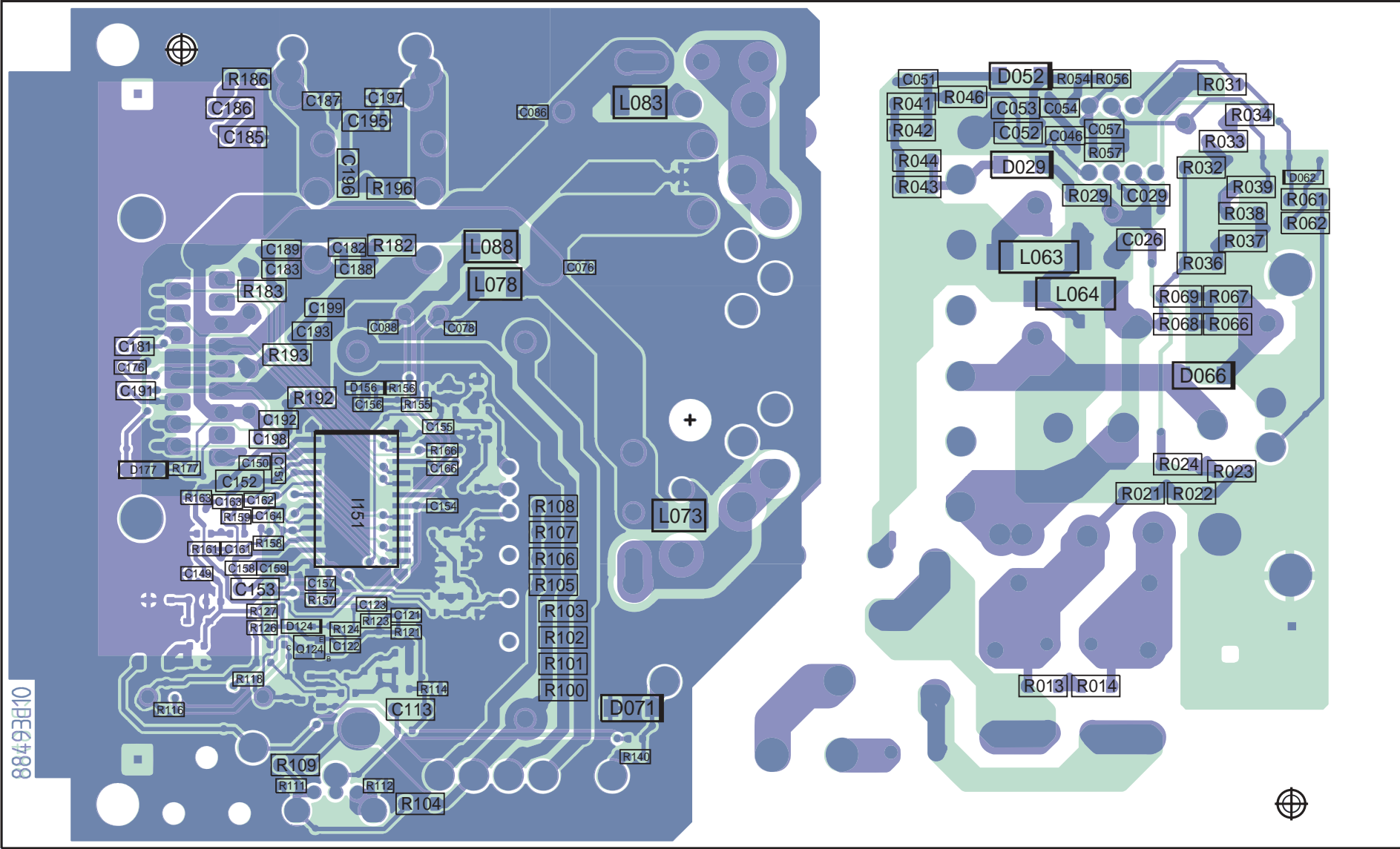


Tuner/IF P.C.B. 87526B Solder side

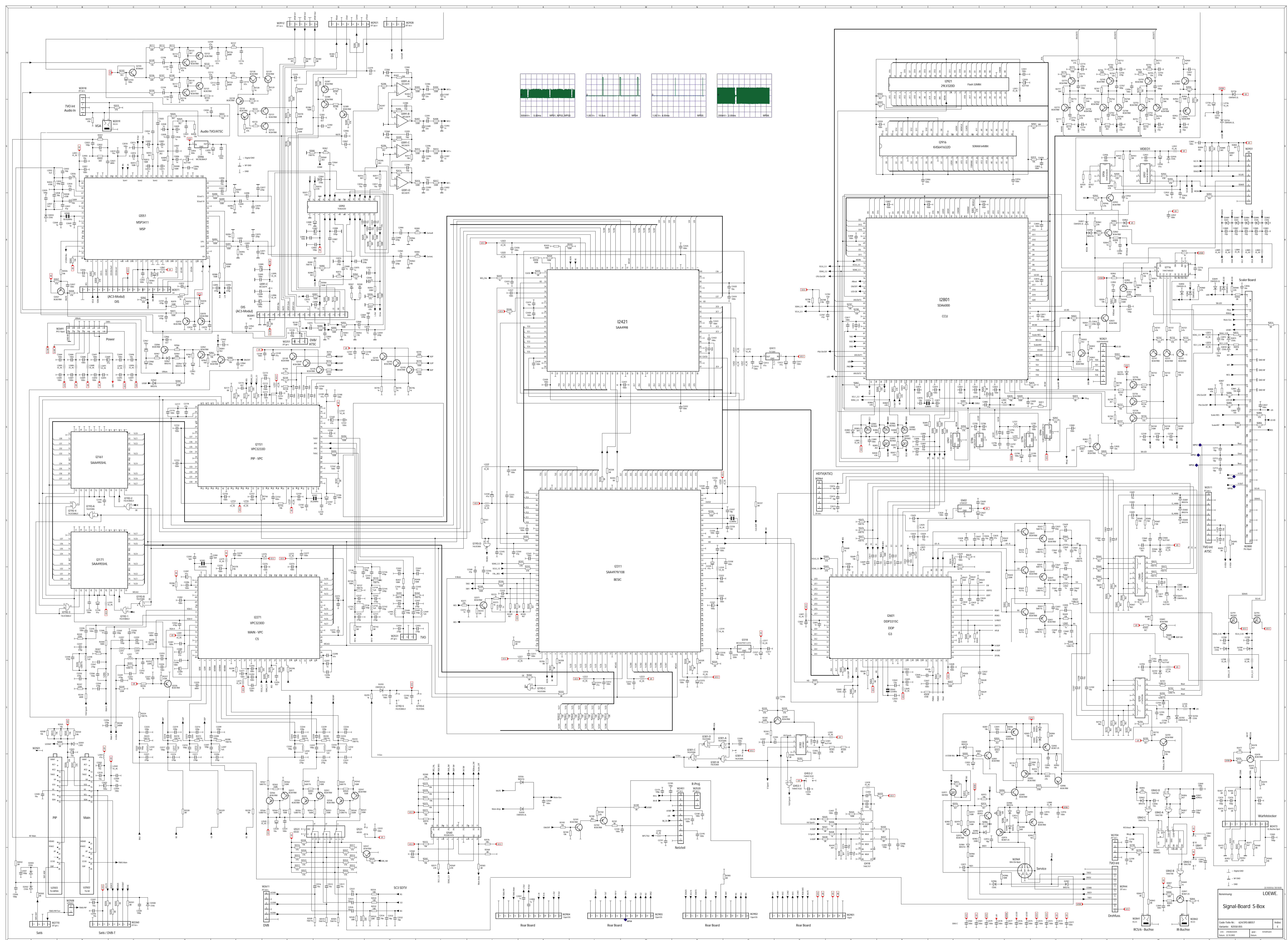




Lpl. Baß-Endstufe 88493D Bestückungsseite • Bass Power Amplifier P.C.B 88493D Components side











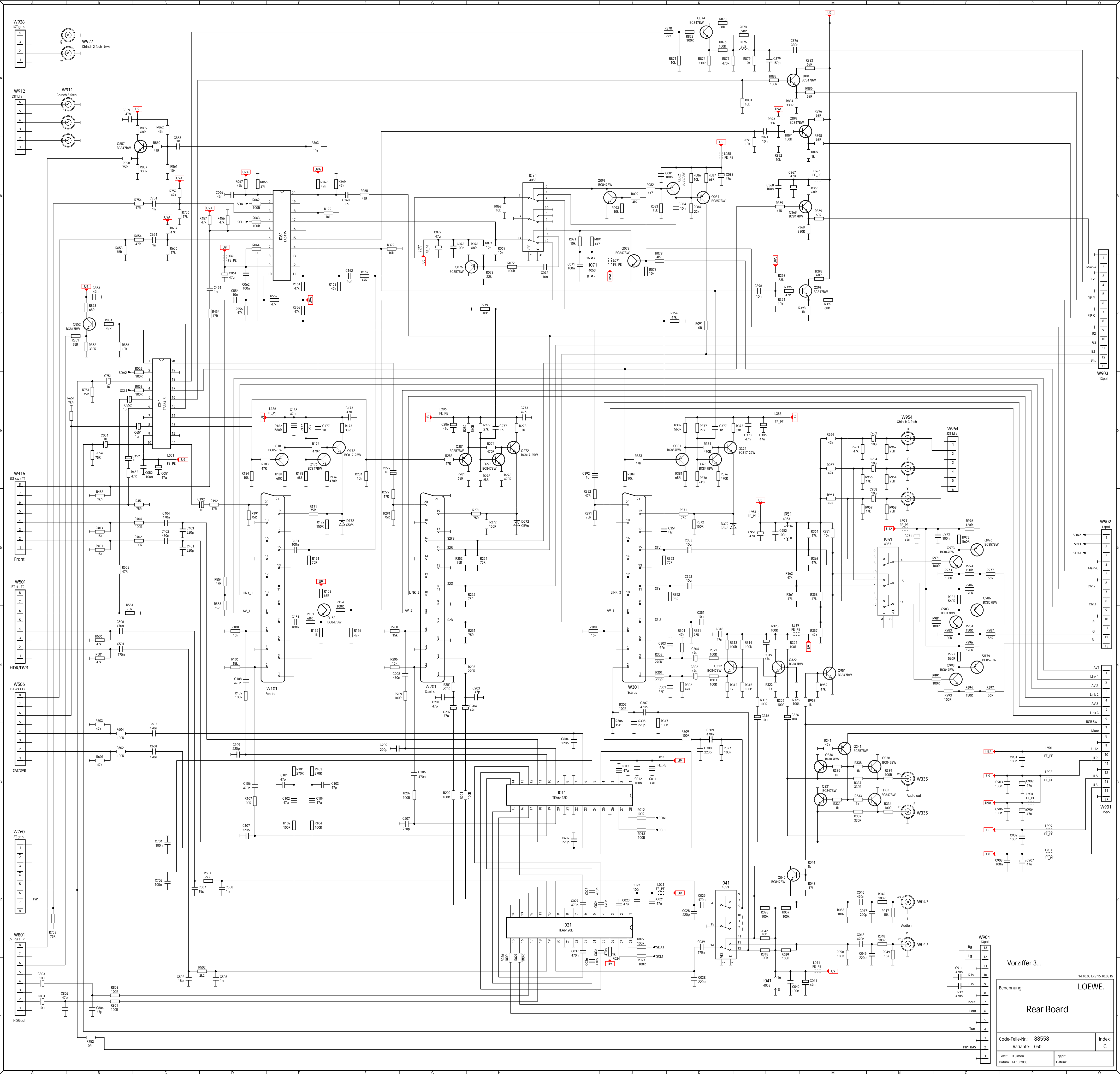
Hier Hersteller,  
Herst.datum und  
ll. Nr. eingetragt



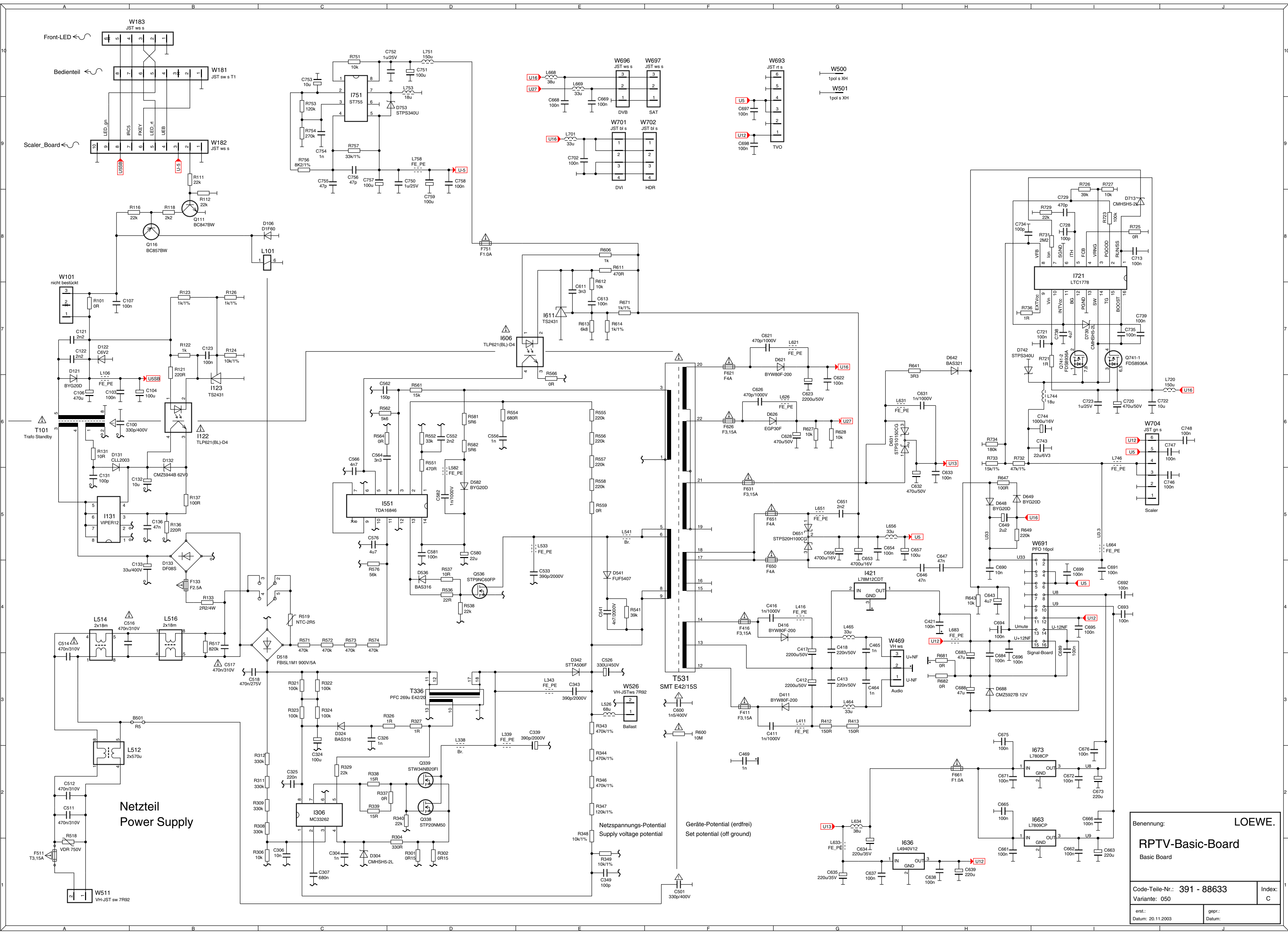








Benennung:		LOEWE.	
Code-Telle-Nr.:		88558	
Variante:		050	
Index:		C	
vst.: D Simon		gpr.:	
Datum: 14.10.2003		Datum:	



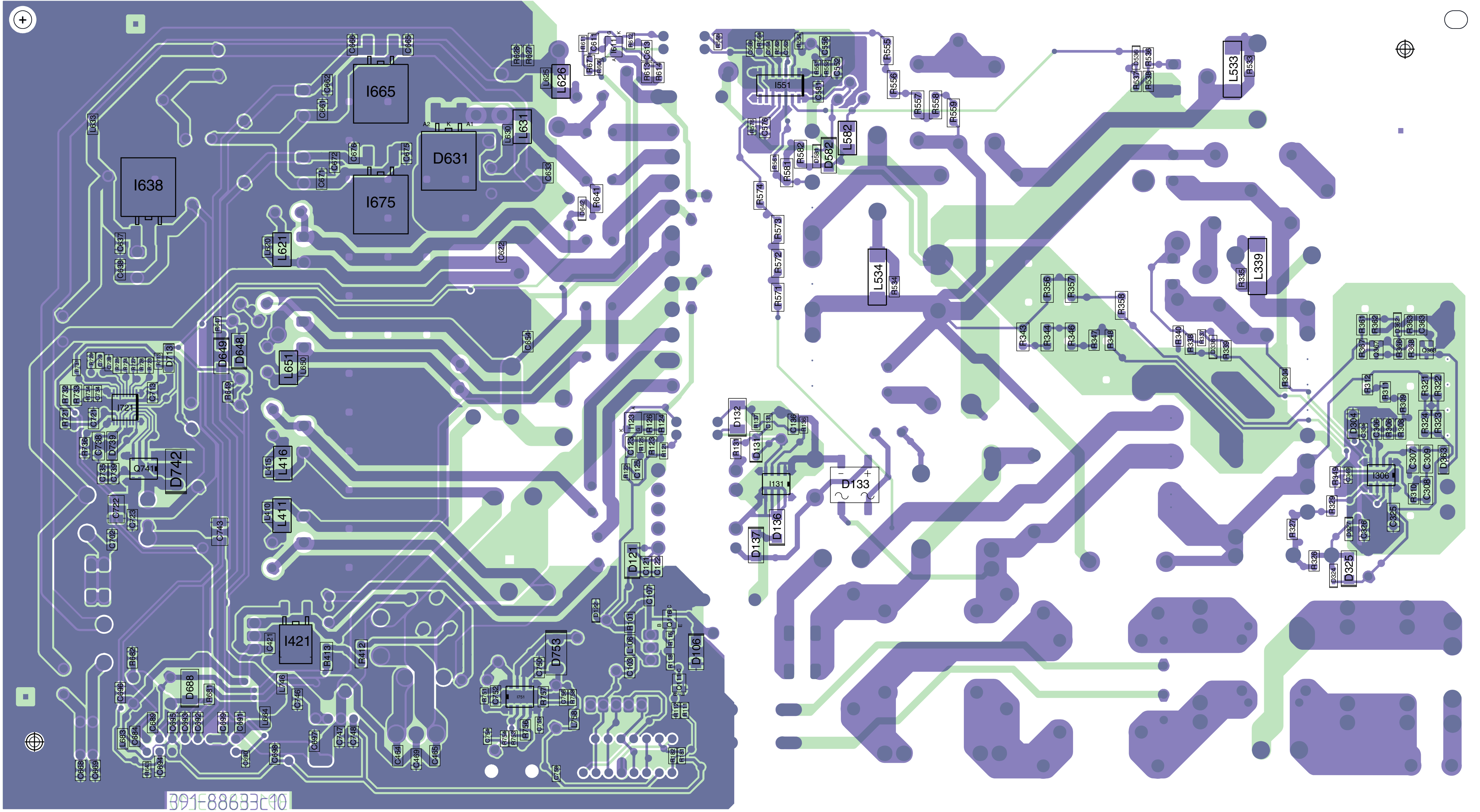
Netzteil  
Power Supply

Netzspannungs-Potential  
Supply voltage potential

Geräte-Potential (erdfrei)  
Set potential (off ground)

Benennung:		LOEWE.	
RPTV-Basic-Board		Basic Board	
Code-Teile-Nr.: 391 - 88633		Index: C	
erst.: 20.11.2003		gepr.: Datum:	
Datum:		Datum:	







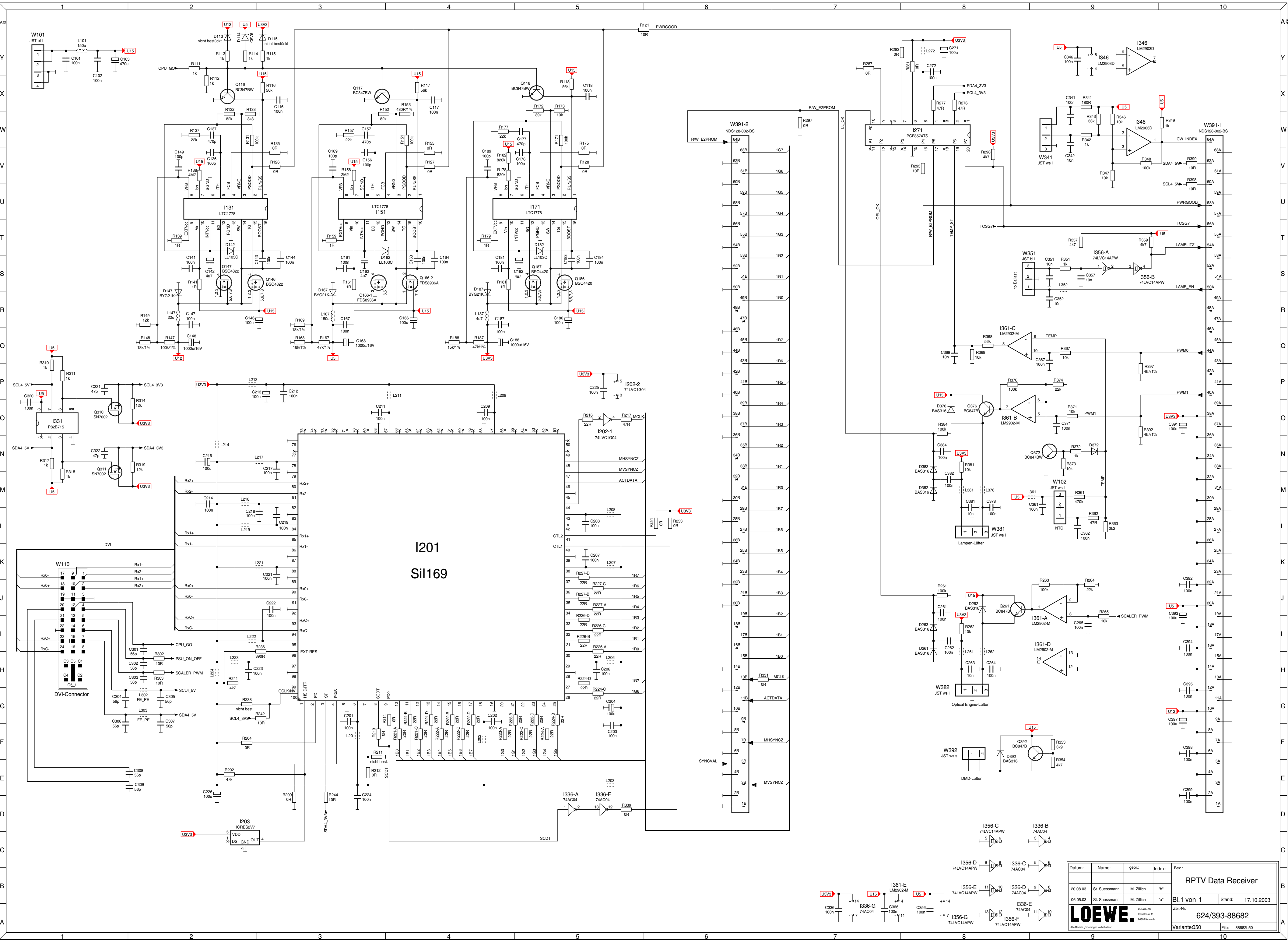


F133	F2.5A	L 250V
F411	F3.15A	L 250V
F416	F3.15A	L 250V
F511	T3.15A	H 250V
F621	F4.0A	L 250V
F626	F3.15A	L 250V
F631	F3.15A	L 250V
F650	F4.0A	L 250V
F651	F4.0A	L 250V
F661	F1.0A	L 250V
F751	F1.0A	L 250V









Datum:	Name:	gepr.:	Index:	Bez.:
20.08.03	St. Suessmann	M. Zillich	"b"	
06.05.03	St. Suessmann	M. Zillich	"a"	Bl.1 von 1
Zel.-Nr:				624/393-88682
Variante:050				File: 88682b50

LOEWE

Industrie 11  
95030 Kirschach

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